

PARTS CATALOG

FOR THE

MODEL P-66 FIGHTER AIRPLANE

MANUFACTURED BY

VULTEE AIRCRAFT
(Division of Aviation Manufacturing Corp.)
DOWNEY, CALIF.

Contract DAW535 AC-272

Specification Model 544-6F

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SECTION IINTRODUCTION AND REFERENCES

1. This Technical Order is the Parts Catalog for the Model P-66 Fighter Airplane. It is distributed to Air Forces Activities for the information and guidance in connection with the identification of parts for this model airplane.

2. Illustrations of parts affected by service and overhaul are contained in T. O. No. 01-50FA-2, Handbook of Service Instructions, and T. O. No. 01-50FA-3, Handbook of Overhaul Instructions for the P-66 Airplane.

SECTION IIASSEMBLY PARTS LIST

P66 Airplane (P.L. 3015 to 3213 Incl.)
Installations And Assemblies Index

(Part List No. 3015)

<u>Part No.</u>	1	2	3	4	5	<u>Qty.</u> <u>Req.</u>
61-00002	General Assembly - Three view					1
	Wing Group					
61-01001	Installation - Wing 3020					1
61-01001-2	Wing Assembly - Complete center section 3020					1
61-06002	Panel Assembly - Center section wing 3021 - 3036					1
61-64301	Installation - Wing center section fuel system 3037 - 3040					1
61-78301	Installation - Center wing panel electrical equipment 3203 - 3207 (See Page 79 to 82)					1
61-16001	Installation - Wing center section flap 3056					1
61-01101-3	Wing Assembly - Complete outboard RH 3020					1
61-01001-4	Wing Assembly - Complete outboard LH 3020					1
61-08002	Panel Assembly - Outer wing LH 3041 - 3052					1
61-08002-1	Panel Assembly - Outer wing RH 3041 - 3052					1
61-78401	Installation - Outer wing electrical LH 3051					1
61-78401-1	Installation - Outer wing electrical RH 3051					1
61-12001	Installation - Aileron LH 3054 - 3055					1
61-12001-1	Installation - Aileron RH 3054 - 3055					1
61-18101	Installation - Fuselage to wing fairing 3057					1
61-01109	Installation - Wing junction cover sta. 106.6					1

(Part List No. 3016)

Empennage Group

61-21001	Installation - Empennage 3058	1
61-22001	Installation - Horizontal stabilizer 3059 - 3062	1
61-24001	Installation - Elevators & tabs 3063 - 3064	1
61-26001	Installation - Vertical stabilizer 3065 - 3068	1
61-28001	Installation - Rudder & tabs 3069 - 3070	1
61-31901	Installation - Tail cone 3071 - 3072	1

Body Group

61-31002	Fuselage Assembly 3073 - 3081	1
61-32001	Installation - Cockpit enclosures 3082 - 3085	1
61-59101	Installation - Engine & accessories control fuselage section 3086 - 3088	1
61-64101	Installation - Fuselage fuel system 3089 - 3091	1
61-66101	Installation - Fuselage instrument 3159 - 3161	1
61-75101	Installation - Fuselage flight controls 3114 - 3121	1
61-77201-2	Installation - Fuselage section heating & ventilating system 3170	1
61-76001	Installation - Furnishings 3164 - 3168	1
61-78101	Installation - Fuselage electrical equipment 3171 - 3192	1
61-82101	Installation - Fuselage section hydraulic line 3092 - 3094	1
61-82601	Installation - Landing gear hydraulic controls fuselage section 3095 - 3097	1

(Part List No. 3017)

Body Group (Contd.)

61-95101	Installation - Radio equipment 3200 - 3202 (See Page No. 77-78)	1
61-39001	Installation - Lighting gear 3098	1
61-42001	Installation - Landing gear fairing 3099 - 3101	1
61-44001	Installation - Landing gear & retracting mechanism 3102 - 3107	1

(Continued)

SECTION IIP66 Airplane (P.L. 3015 to 3213 Incl.)
Installations And Assemblies Index

(Part List No. 3017 Contd.)

<u>Part No.</u>	1	2	3	4	5		<u>Qty.</u> <u>Req.</u>
61-46001						Installation - Tail wheel 3108 - 3113	1
						Flight Control Group	
61-75101						Installation - Fuselage flight controls 3114 - 3121	1
						Power Plant Group	
61-56001						Installation - Demountable Power Plant 3122 - 3128	1
61-34002						Installation - Fixed cowling section 3133 - 3138	1
61-34001						Installation - Cowling complete 3129 - 3132	1
61-58101						Installation - Carburetor air induction system 3145 - 3147	1
61-59201						Installation - Engine section engine & accessories 3148 - 3150	1
61-60002						Installation - Propeller 3151	1

(Part List No. 3018)

Power Plant Group (Contd.)

61-63001						Installation - Oil system 3152 - 3155	1
61-64201						Installation - Engine section fuel system 3156	1
61-66201						Installation - Engine section instrument 3162 - 3163	1
61-77201-1						Installation - Engine section heating & ventilating system 3170	1
61-78201						Installation - Engine section electrical 3193 - 3197	1
61-82801						Installation - Engine section hydraulic lines 3157 - 3158	1

Equipment Group

61-66101						Installation - Fuselage instrument 3159 - 3161	1
61-66201						Installation - Engine section instrument 3162 - 3163	1
61-76001						Installation - Furnishings 3164 - 3168	1
61-77201-1						Installation - Engine section heating & ventilating system 3169	1
61-77201-2						Installation - Fuselage section heating & ventilating system 3170	1
61-78101						Installation - Fuselage electrical equipment 3171-3192	1

(Part List No. 3019)

Equipment Group (Contd.)

61-78201						Installation - Engine section electrical 3193 - 3197	1
61-79001						Installation - Handling gear 3198	*
61-95001						Installation - Radio equipment 3199	1
61-95101						Installation - Radio equipment fuselage 3200 - 3202	1
61-78301						Installation - Center wing panel electrical equipment 3203 - 3207	1

Armament Group

61-86001						Installation - Armament 3208 - 3213	1
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SECTION IIWing
Installation - Wing

(Part List No. 3020)

Part No.	1	2	3	4	5	Qty. Req.
61-01001	Installation - Wing					1
61-01001-2	Wing Assembly - Complete center section					1
61-06002	Panel Assembly - Center section wing (P.L. 3021 - 3036)					1
61-16001	Installation - Wing center section flap (P.L. 3056)					1
61-01001-3	Wing Assembly - Complete outboard RH					1
61-01001-4	Wing Assembly - Complete outboard LH					1
61-08002	Panel Assembly - Outer wing LH (P.L. 3046 - 3058)					1
61-08002-1	Panel Assembly - Outer wing RH (P.L. 3046 - 3058)					1
61-12001	Installation - Aileron LH (P.L. 3054 - 3055)					1
61-12001-1	Installation - Aileron RH (P.L. 3054 - 3055)					1
61-18101	Installation - Fuselage to wing fairing (P.L. 3057)					1
VS21-516-15	Screw - 100° recessed flat head					32
VS21-616-16	Screw - 100° recessed flat head					22
VS80M-14-33-062	Washer - Plain					12
VS80M-9-21-062	Washer - Plain					16

Installation - Wing
Panel Assembly - Center Section Wing

(Part List No. 3021)

61-06002	Panel Assembly - Center section wing	1
61-06002-40	Structure Assembly - Center section wing panel	1
61-06002-276	Door Assembly - Riveted	1
61-06007	Bracket Assembly - Flap end hinge	2
61-06007-3	Bracket Assembly - Flap end hinge	2
61-06009	Intercostal Assembly - Wing sta. 64 - 75 to 84 nose LH	1
61-06009-1	Intercostal Assembly - Wing sta. 64 - 75 to 84 nose RH	1
61-06010	Rib Assembly - Center panel sta. 84 nose LH	1
61-06010-1	Rib Assembly - Center panel sta. 84 nose RH	1
61-06011	Rib Assembly - Sta. 18 to sta. 21.250 intermediate LH	1
61-06011-1	Rib Assembly - Sta. 18 to sta. 21.250 intermediate RH	1
61-06012	Rib Assembly - Sta. 104.653 nose & intermediate LH	1
61-06012-1	Rib Assembly - Sta. 104.653 nose & intermediate RH	1
61-06013	Beam Assembly - Center wing panel front	1
61-06014-28	Rib Assembly - Wing sta. 365 intermediate LH	1
61-06014-29	Rib Assembly - Wing sta. 365 intermediate RH	1
61-06015	Rib Assembly - Center panel sta. 64-3/4 nose LH	1
61-06015-1	Rib Assembly - Center panel sta. 64-3/4 nose RH	1
61-06017	Beam Assembly - Center section rear	1
61-01103-1	Fitting - Center to outer panel attaching rear spar RH	1
61-01103-2	Fitting - Center to outer panel attaching rear spar LH	1
61-01103-3	Fitting - Center to outer panel attaching rear spar RH	1
61-01103-4	Fitting - Center to outer panel attaching rear spar LH	1
61-01108-1	Fitting - Center to outer panel attaching rear spar RH	1
61-01108-2	Fitting - Center to outer panel attaching rear spar LH	1
61-01108-3	Fitting - Center to outer panel attaching rear spar RH	1
61-01108-4	Fitting - Center to outer panel attaching rear spar LH	1
61-06018	Rib Assembly - Sta. 84 intermediate LH	1

(Part List No. 3022)

61-06018-1	Rib Assembly - Sta. 84 intermediate RH	1
61-06019	Installation - Wing center section sta. 43-9/16 nose rib	1
61-06020	Installation - Center panel sta. 50.625 nose rib	1
61-06021	Installation - Center panel sta. 57-11/16 nose rib	1

(Continued)

SECTION IIInstallation - Wing
Panel Assembly - Center Section Wing

(Part List No. 3022 Contd.)

Part No.	1	2	3	4	5	Qty. Req.
61-06022					Rib Assembly - Center section sta. 90.686 nose RH	1
61-06023					Rib Assembly - Center section sta. 97.688 nose RH	1
61-06024					Rib Assembly - Sta. 9.25 intermediate LH	1
61-06024-1					Rib Assembly - Sta. 9.25 intermediate RH	1
61-06028					Beam Assembly - Center section auxiliary sta. 37.5 to 64.75 LH	1
61-06028-1					Beam Assembly - Center section auxiliary sta. 37.5 to 64.75 RH	1
61-06029					Rib Assembly - Wing center section sta. 15 T. E. LH	1
61-06029-1					Rib Assembly - Wing center section sta. 15 T. E. RH	1
61-06030					Rib Assembly - Center panel sta. 37.25 nose LH	1
61-06030-1					Rib Assembly - Center panel sta. 37.25 nose RH	1
61-06031					Rib Assembly - Center panel sta. 0 intermediate	1
61-06032					Rib Assembly - Wing center section sta. 29.25 T. E. LH	1
61-06032-1					Rib Assembly - Wing center section sta. 29.25 T. E. RH	1
61-06033					Rib Assembly - Wing center section sta. 43.563 T. E. LH	1
61-06033-1					Rib Assembly - Wing center section sta. 43.563 T. E. RH	1

(Part List No. 3023)

61-06034					Rib Assembly - Wing center section sta. 50.625 T. E. LH	1
61-06034-1					Rib Assembly - Wing center section sta. 50.625 T. E. RH	1
61-06035					Rib Assembly - Center section sta. 64.75 T. E. LH	1
61-06035-1					Rib Assembly - Center section sta. 64.75 T. E. RH	1
61-06036					Rib Assembly - Wing center section sta. 77.312 T. E. LH	1
61-06036-1					Rib Assembly - Wing center section sta. 77.312 T. E. RH	1
61-06037					Rib Assembly - Inter. wing sta. 71.031 LH	1
61-06037-1					Rib Assembly - Inter. wing sta. 71.031 RH	1
61-06039					Rib Assembly - Sta. 99.315 inter. LH	1
61-06039-1					Rib Assembly - Sta. 99.315 inter. RH	1
61-06040					Rib Assembly - Center section sta. 89.375 T. E. LH	1
61-06040-1					Rib Assembly - Center section sta. 89.375 T. E. RH	1
61-06041					Rib Assembly - Wing center section sta. 99.375 T. E. LH	1
61-06041-1					Rib Assembly - Wing center section sta. 99.375 T. E. RH	1
61-06043					Rib Assembly - Wing sta. 64.750 inter. LH	1
61-06043-1					Rib Assembly - Wing sta. 64.750 inter. RH	1
61-06046					Rib Assembly - Wheel well nose	1
61-76120					Clip - Starter crank stowage	1
61-76121					Bracket Assembly - Starter crank stowage	1
61-06053					Bulkhead Assembly - Wing center section sta. 30.875 nose fairing LH	1
61-06053-1					Bulkhead Assembly - Wing center section sta. 30.875 nose fairing RH	1

(Part List No. 3024)

61-06054					Installation - Center section gun door attaching fitting LH	1
61-06156					Fitting - Center section gun door sta. 84.0 forward LH	1
61-06156-1					Fitting - Center section gun door sta. 84.0 forward RH	1
61-06157					Fitting - Center section gun door sta. 84.00 rear LH	1
61-06157-1					Fitting - Center section gun door sta. 84.00 rear RH	1
61-06158					Fitting - Center section gun door sta. 99.375 forward LH	1
61-06158-1					Fitting - Center section gun door sta. 99.375 forward RH	1
61-06159-1					Fitting - Center section gun door sta. 99.375 rear RH	1
61-06159					Fitting - Center section gun door sta. 99.375 rear LH	1
VS21-10-17					Screw - 100 ⁰ recessed flathead	8
VS21-10-17					Screw - 100 recessed flathead	16
#22D20-064					Nut - Spline (Elastic Stop Nut Corp., Elizabeth, N. J.)	8
#S5-325					Spring - (Dzus Fastener Co. Inc., Babylon, N. Y.)	2
61-06055					Door Assembly - Center section gun LH	1
61-06055-1					Door Assembly - Center section gun RH	1

(Continued)

SECTION IIInstallation - Wing
Panel Assembly - Center Section Wing

(Part List No. 3024 Contd.)

Part No.	1	2	3	4	5	Qty. Req.
61-06169					Screw - Gun door	8
FA5-45					Fastener - (Dzus Fastener Co., New Britain, Conn.)	2
61-06056					Installation - Wing gun mount support	1
61-06167					Support Assembly - Wing outer gun mount forward	2
VS120S-12-109					Bearing - Plain press fit	2
61-06168					Support Assembly - Wing inner gun mount forward	2

(Part List No. 3025)

VS120S-12-109					Bearing - Plain press fit	2
72-04037					Support - Wing gun rear mount	4
22A12-82					Nut - Plate - (Elastic Stop Nut Corp., Elizabeth, N. J.)	4
61-06057					Rib Assembly - Wing sta. 50-625 inter. LH	1
61-06057-1					Rib Assembly - Wing sta. 50-625 inter. RH	1
VS80D-5-8-020					Washer - Plain	96
61-06058					Rib Assembly - Center section sta. 90.688 nose LH	1
61-06103					Fitting - Front beam wing to fuselage att. LH	1
61-06103-1					Fitting - Front beam wing to fuselage att. RH	1
61-06104					Fitting - Rear beam wing to fuselage LH	1
61-06104-1					Fitting - Rear beam wing to fuselage RH	1
61-06124					Rib Assembly - Wing center section sta. 104.653 T. E. LH	1
61-06124-1					Rib Assembly - Wing center section sta. 104.653 T. E. RH	1
61-06126-1					Rib - Center section inter. former sta. 29.25 RH	1
61-06126-3					Rib - Center section inter. former sta. 43.56 RH	1
61-06126-8					Rib - Center section inter. former sta. 29.252 LH	1
61-06126-10					Rib - Center section inter. former sta. 43.562 LH	1
61-06126-13					Rib - Center section inter. former sta. 57.687 RH	1
61-06126-14					Rib - Center section inter. former sta. 57.687 LH	1
61-06126-15					Rib - Center section inter. former sta. 77.312 RH	1

(Part List No. 3026)

61-06126-16					Rib - Center section inter. former sta. 77.312 LH	1
61-06130					Filler - Front beam center section sta. 21.25	4
61-06133-1					Filler - Front beam center section	8
61-06133-2					Filler - Front beam center section	2
61-06133-3					Filler - Front beam center section	2
61-06133-4					Filler - Front beam center section	4
61-06136-1					Screw - Special Allen socket head cap	4
61-06136-2					Screw - Special Allen socket head cap	4
61-06149					Screw - Special 100° countersunk recessed head	4
61-06150					Beam - Nose rib sta. 64.75 retracting cylinder support LH	1
61-06150-1					Beam - Nose rib sta. 64.75 retracting cylinder support RH	1
61-06151					Angle - Retracting cylinder support attaching front LH	2
61-06151-1					Angle - Retracting cylinder support attaching front RH	2
61-06152-1					Angle - Retracting cylinder support beam attaching rear RH	1
61-06152-2					Angle - Retracting cylinder support beam attaching rear LH	1
61-06152-3					Angle - Retracting cylinder support beam attaching rear RH	1
61-06152-4					Angle - Retracting cylinder support beam attaching rear LH	1
61-06155					Installation - Cap strip center section wing junction	1
61-06153					Fitting - Sta. 106.653 inner wing lower attaching LH	1

(Part List No. 3027)

61-06153-1					Fitting - Sta. 106.653 inner wing lower attaching RH	1
61-06154					Fitting - Sta. 106 inner wing upper attaching LH	1
61-06154-1					Fitting - Sta. 106 inner wing upper attaching RH	1

(Continued)

SECTION IIInstallation - Wing
*Panel Assembly - Center Section Wing

(Part List No. 3027 Contd.)

Part No.	1	2	3	4	5	Qty. Req.
61-06160					Rib Assembly - Wing center section sta. 91.75 LH	1
61-06160-1					Rib Assembly - Wing center section sta. 91.75 RH	1
61-06171					Installation - Wing gun cradle stowage spring	1
72-04026					Spring - Wing gun cradle stowage	1
61-06174					Doubler - Wing gun ejection chute	4
61-06177					Installation - Wing guns charging cable pulley bracket sta. 91.750	1
VS80D5-9-040					Washer - Plain	1
VS110D14-13					Spacer	6
61-06178					Installation - Wing guns charging cable pulley sta. 84	1
VS110D-13-23					Spacer	1
61-06180					Fairing Assembly - Wing gun blast tube nose LH	1
61-06180-1					Fairing Assembly - Wing gun blast tube nose RH	1
61-06182					Installation - Center section fuel tank lining	1
61-06183					Installation - Center section fuel tank covers	1
61-18003					Channel Assembly - Fuselage to wing fairing lower LH	1
No. 22A12-02					Nut - Plate - (Elastic Stop Nut Corp., Elizabeth, N. J.)	3
VS19-10-8					Screw - Recessed button head	56

(Part List No. 3028)

VS19-10-10					Screw - Recessed head	56
VS21-10-8					Screw - 100° recessed flat head	178
VS21-10-9					Screw - 100° recessed flat head	300
VS21-10-10					Screw - 100° recessed flat head	224
VS21-10-11					Screw - 100° recessed flat head	4
#22A5-02					Nut - Plate - (Elastic Stop Nut Corp., Elizabeth, N. J.)	38
#22D8-02					Nut - Plate - (Elastic Stop Nut Corp., Elizabeth, N. J.)	8
#22A17-02					Nut - Plate - (Elastic Stop Nut Corp., Elizabeth, N. J.)	8
61-06184					Plate - Center section lower cover reinforcing LH	1
61-06184-1					Plate - Center section lower cover reinforcing RH	1
61-06186					Installation - Fuel tank filler cap	1
61-64003					Cap Assembly - Fuel tank filler	2
63-64005					Chain Assembly - Fuel tank filler cap	2
61-64105					Handle - Fuel tank filler cap	2
61-64106					Plunger - Fuel tank filler cap	2
61-64107					Cover - Fuel tank filler	2
61-64108					Bolt - Fuel tank filler cap	2
61-64112					Spider - Fuel tank filler cap	2
61-64113-1					Spring - Coil compression	2

(Part List No. 3029)

VS80-N12-16-062					Washer - Plain	1
VS80D11-21-102					Washer	2
VS140-312-014					Rod - Drill	1
VS83-2					Washer	2
61-64111					Gasket - Fuel tank filler cap	2
61-64104					Flange - Fuel tank filler	2
61-06187					Door Assembly - Wing gun RH	1
61-06188					Rib - Center section sta. 97.688 nose LH	1
61-06190					Installation - Synchronized gun case & link container	1
61-06191					Instrument - Landing gear fuselage center fairing	1
VS21-8-8					Screw - 100° recessed flat head	7
VS110D36-30					Spacer	2
61-06192					Support - Fuel tank cover LH	1
61-06192-1					Support - Fuel tank cover RH	1
61-06193					Guard Assembly - Wing fuel line	1

(Continued)

SECTION IIInstallation - Wing
Panel Assembly - Center Section Wing

(Part List No. 3029 Contd.)

Part No.	1	2	3	4	5	Qty. Req.
61-06401					Installation - Wing sta. 64.750 to sta. 84 removable nose section	1
VS21-6-6					Screw - 100° recessed flat head	8
VS21-10-6					Screw - 100° recessed flat head	32
VS21-10-8					Screw - 100° recessed flat head	28
VS21-10-9					Screw - 100° recessed flat head	24
61-06501					Installation - Center section landing gear access door	1
VS21-10-10					Screw - 100° recessed flat head	54

(Part List No. 3030)

VS21-10-14					Screw - 100° recessed flat head	12
VS21-416-10					Screw - 100° recessed flat head	74
VS21-416-13					Screw - 100° recessed flat head	48
22A5-048					Nut - Corner - (Elastic Stop Nut Corp., Elizabeth, N. J.)	6
22D12-02					Nut - Spline (Elastic Stop Nut Corp., Elizabeth, N. J.)	2
22A17-048					Nut - Anchor (Elastic Stop Nut Corp., Elizabeth, N. J.)	4
61-06133-5					Filler - Front beam center section	2
61-06133-6					Filler - Front beam center section	2
61-06133-7					Filler - Front beam center section	2
61-06133-8					Filler - Front beam center section	2
61-40103					Fitting - Landing gear pivot shaft bearing LH	1
61-40103-1					Fitting - Landing gear pivot shaft forward bearing RH	1
61-40108					Fitting - Landing gear pivot shaft rear bearing LH	1
61-40108-1					Fitting - Landing gear pivot shaft rear bearing RH	1
61-44013					Lock Assembly - Landing gear up LH	1
61-44013-1					Lock Assembly - Landing gear up RH	1
61-44010					Latch Assembly - Landing gear up position lock	4
61-44010-3					Bearing - (Kingwell Bros. Ltd. stock no. A-507-1)	1
61-44015					Lever Assembly - Landing gear up lock release LH	1
61-44015-1					Lever Assembly - Landing gear up lock release RH	1

(Part List No. 3031)

61-44016					Lever Assembly - Landing gear up lock switch LH	1
61-44016-1					Lever Assembly - Landing gear up lock switch RH	1
61-44018					Bracket Assembly - Landing gear up lock LH	1
61-44018-1					Bracket Assembly - Landing gear up lock RH	1
61-44130					Trigger - Landing gear up lock release LH	1
61-44130-1					Trigger - Landing gear up lock release RH	1
61-44134					Spring - Landing gear up lock latch	2
61-44135					Spring - Landing gear up lock release lever	2
VS121S-610-024					Spacer - Bearing	2
VS290-30-6					Pin - Taper drilled	2
61-44122					Bracket - Landing gear actuating cylinder support LH	1
61-44122-1					Bracket - Landing gear actuating cylinder support RH	1
61-56006					Fitting Assembly - Rear crankcase breather line	1
61-58122					Fitting - Engine drain lines outlet	1
61-64401					Installation - Fuel system brackets	1
61-64302					Bracket Assembly - Fuel cock support	1
61-64121					Bracket - Hand fuel pump support	1
61-64012					Support Assembly - Hand fuel pump jackshaft	1
A-639					Bearing - (Chrysler Corp., Detroit, Michigan)	2
61-64014					Support Assembly - Fuel strainer	1

SECTION IIInstallation - Wing
Panel Assembly - Center Section Wing

(Part List No. 3032)

Part No.	1	2	3	4	5	Qty. Req.
61-64015					Bracket Assembly - Fuel pump support	1
61-64025					Flange Assembly - Fuel pump drain	1
61-69104					Installation - Aileron pulley bracket sta. 77	1
VS110D12-103					Spacer	2
61-69401					Installation - Aileron pulley bracket sta. 9-1/4	1
VS21-10-10					Screw - 100° recessed flat head	2
VS80-D14-00-064					Washer - Plain	2
VS110D-14-020					Spacer	1
61-69501					Installation - Aileron pulley bracket sta. 43.562	1
VS80D12-00-064					Washer - Plain	2
61-71801					Installation - Aileron tab control pulley bracket sta. 99-3/8	1
VS110D-12-116					Spacer	1
61-71901					Installation - Aileron tab control pulley bracket sta. 104.652	1
VS110D-12-26					Spacer	1
61-71906					Installation - Aileron tab control pulley bracket sta. 15	1
VS23A-10					Bolt - Flat head	4
VS80-D1400-.064					Washer - Plain	2
61-72005					Bracket Assembly - Flap operating mechanism outboard	2
D4					Bearing - (Fafnir Bearing Co., New Britain, Conn.)	1
61-82401					Installation - Landing gear controls wing rib 37-1/4 pulley bracket RH	1

(Part List No. 3033)

61-82501					Installation - Pulley bracket ldg. gear cont. wing rib 37-1/4 LH	1
61-94103					Fairing - Wing gun rear post	4
61-94169					Cap Assembly - Wing gun blast tube	4
61-94170					Spring - Wing gun blast tube cap	4
61-94171					Button - Wing gun blast tube cap	4
61-43301					Installation - Ldg. gear brake line wing	1
*61-43110					Cover - Hydraulic brake cont. upper hose	2
61-43105					Outlet - Hydraulic brake line wing	2
61-82022-3					Line Assembly - Ldg. gear hyd. brake control RH	1
61-82022-4					Line Assembly - Ldg. gear hyd. brake control LH	2
61-82115					Hose - Hydraulic brake control upper	2
#5-CGCT-5					Elbow - (Parker Appliance Co., Cleveland, Ohio)	2
61-64301					Installation - Wing center section fuel system (P.L. 3037 - 3040)	1
61-66301					Installation - Center section instrument	1
61-66006-23					Line Assembly - Instrument	1
61-66006-24					Line Assembly - Instrument	1
61-66006-25					Line Assembly - Instrument	1
61-66006-36					Line Assembly - Instrument	1
61-66302					Clip - Airspeed lines supporting	1
VS149-4					Clip - Conduit	16
61-72001					Installation - Flap control mechanism	1

* Used on #503 and up.

(Part List No. 3034)

61-72003					Link Assembly - Flap operating upper	2
61-72004					Rod Assembly - Flap balance mechanism	1
61-72007					Block Assembly - Flap operating mechanism bearing	2
61-72008					Bellcrank Assembly - Flap operating mechanism LH	1
61-72009					Bellcrank Assembly - Flap operating mechanism RH	1
61-72010					Link Assembly - Flap operating mechanism LH	1
61-72010-1					Link Assembly - Flap operating mechanism RH	1
61-72012					Rod Assembly - Flap operating mechanism	2
61-72106					Support - Flap balancing mechanism LH	1

(Continued)

SECTION II

Installation - Wing.
Panel Assembly - Center Section Wing

(Part List No. 3034 Contd.)

Part No.	1	2	3	4	5	Qty. Req.
61-72107					Support - Flap balancing mechanism RH	1
61-82005					Cylinder Assembly - Wing flap actuating	1
61-75301					Installation - Center wing flight controls	1
61-69013-1					Cable Assembly - Aileron control	2
61-69013-5					Cable Assembly - Aileron control	2
61-69011					Fairlead - Aileron pulley bracket sta. 43.56	2
61-69105					Fairlead - Aileron cable sta. 104.653	1
63-69106					Link - Aileron torque tube bellcrank cable attaching	4
61-71123					Fairlead - Aileron tab cable sta. 15	2
61-71306-2					Fairlead - Aileron tab cable & gun charging cable	2
61-71306-3					Fairlead - Aileron tab cable & gun charging cable	2
61-75311					Fairlead - Aileron control cable	2

(Part List No. 3035)

61-75411					Bracket - Aileron tab fairlead	1
61-77301					Installation - Center section heating & ventilating system	1
63-77009					Clamp Assembly - Pilot's cold air tube	1
VS149-32					Clip - Conduit	1
61-78301					Installation - Center wing panel electrical equip. (P.L. 3203 - 3207)	1
61-82701					Installation - Landing gear hydraulic control wing section	1
61-42033					Cable Assembly - Landing gear fairing door uplock front RH	1
VS360-2R					Terminal - Swaged class D	2
61-44026-1					Cable Assembly - Landing gear controls	1
61-44026-3					Cable Assembly - Landing gear controls	1
61-44026-17					Cable Assembly - Landing gear controls	2
61-44026-19					Cable Assembly - Landing gear controls	1
VS360-2L					Terminal - Swaged class D	4
61-44027					Cable Assembly - Landing gear controls wing uplock	1
VS360-2L					Terminal - Swaged class D	1
VS360-2R					Terminal - Swaged class D	1
61-82703					Fairlead - Landing gr. uplock cable	4
61-82901					Installation - Wing center section hydraulic lines	1
61-82003					Cylinder Assembly - Landing gear retracting LH	1
61-82003-1					Cylinder Assembly - Landing gear retracting RH	1
61-82017-36					Line Assembly - Hydraulic system	1

(Part List No. 3036)

61-82017-38					Line Assembly - Hydraulic system	1
61-82017-40					Line Assembly - Hydraulic system	1
61-82017-41					Line Assembly - Hydraulic system	1
61-82017-43					Line Assembly - Hydraulic system	1
61-82017-44					Line Assembly - Hydraulic system	1
61-82017-45					Line Assembly - Hydraulic system	1
61-82017-52					Line Assembly - Hydraulic system	1
61-82134					Clip - Landing gear hydraulic lines support	1
61-82915					Fitting - Landing gear retracting cylinder elbow	1
61-82916					Sleeve - Landing gear hydraulic hose rubbing	4
755-6-2-6					Clip	2
755-A-6-2-8					Clip	2
#7-2539 Type 1-6-D					Elbow	2
#9-3039-6					Nut	4

SECTION IIInstallation - Wing
Installation - Wing Center Section Fuel System

(Part List No. 3037)

Part No.	1	2	3	4	5	Qty. Req.
61-64301	Installation - Wing center section fuel system					1
61-64026	Strainer Assembly - Fuel					1
61-64303	Bushing - Fuel strainer plug					1
61-64304	Plug - Fuel strainer drain					1
61-64027	Lever Assembly - Hand fuel pump jackshaft outer					1
61-64119	Lever - Hand fuel pump jackshaft inner					1
61-64122	Shaft - Hand fuel pump jack					1
61-64123	Spacer - Fuel tank gage support					4
61-64124	Cap - Fuel tank gage support					4
61-64115	Support - Sump selector valve LH					1
61-64115-1	Support - Sump selector valve RH					1
61-64102	Container Assembly - Fuel tank gage					2
61-64005-4	Gage Assembly - Fuel tank (British)					1
61-64005-5	Gage Assembly - Fuel tank (British)					1
61-64018-1	Line - Wing center panel fuel system					1
61-64018-2	Line - Wing center panel fuel system					1
61-64018-4	Line - Wing center panel fuel system					1
61-64018-5	Line - Wing center panel fuel system					1
61-64018-6	Line - Wing center panel fuel system					1
61-64018-7	Line - Wing center panel fuel system					1

(Part List No. 3038)

61-64018-10	Line - Wing center panel fuel system	1
61-64018-11	Line - Wing center panel fuel system	1
61-64018-12	Line - Wing center panel fuel system	1
61-64018-13	Line - Wing center panel fuel system	1
61-64018-14	Line - Wing center panel fuel system	1
61-64018-15	Line - Wing center panel fuel system	1
61-64018-16	Line - Wing center panel fuel system	1
61-64018-17	Line - Wing center panel fuel system	1
61-64018-18	Line - Wing center panel fuel system	1
61-64202	Valve Assembly - Selector	1
B9-939-1A	Valve - (Parker Appliance Co., Cleveland, Ohio)	1
VS290-20-8	Pin - Taper	1
701P-10	Yoke - (Parker Appliance Co., Cleveland, Ohio)	1
61-64305	Installation - Fuel tanks	1
61-64210	Strainer Assembly - Fuel tank sta. 9.25-21.25 RH	1
61-64312	Tank Assembly - Sta. 36.5 to 50.625 fuel LH	1
61-64312-1	Tank Assembly - Sta. 36.5 to 50.625 fuel RH	1
61-64313	Tank Assembly - Sta. 18-21.25 to 36.50 fuel LH	1
61-64313-1	Tank Assembly - Sta. 18-21.25 to 36.50 fuel RH	1
61-64314	Tank Assembly - Sta. 50.625-64.750 fuel LH	1

(Part List No. 3039)

61-64314-1	Tank Assembly - Sta. 50.625-64.750 fuel RH	1
61-64315	Tube Assembly - Fuel tank interconnecting flapper valve rear	2
61-64316	Tube Assembly - Fuel tank interconnecting flapper valve front	2
61-64317	Valve Assembly - Fuel tank rear flapper	2
61-64319	Valve Assembly - Fuel tank front flapper	2
61-64322	Tank Assembly - Sta. 9.25-21.25 fuel LH	1
61-64322-1	Tank Assembly - Sta. 9.25-21.25 fuel RH	1
61-64323	Tank Assembly - Outboard fuel sta. 64.75 & 84 LH	1
61-64323-1	Tank Assembly - Outboard fuel sta. 64.75 & 84 RH	1
61-64325	Strainer Assembly - Fuel tank	4

(Continued)

SECTION IIInstallation - Wing
Installation - Wing Center Section Fuel System

(Part List No. 3039 Contd.)

Part No.	1	2	3	4	5	Qty. Req.
VS21-8-10				Screw		12
VS21-8-13				Screw		56
VS21-10-8				Screw		36
VS21-10-10				Screw		68
VS80N-10-24-125				Washer		4
VS80N-14-18-060				Washer		36
VS80N-14-18-250				Washer		68
VS90-2				Washer		104
GT-16				Clamp - (Wittek Mfg. Co., Chicago, Ill.)		8
GT-18				Clamp - (Wittek Mfg. Co., Chicago, Ill.)		2

(Part List No. 3040)

FB-44	Clamp - (Wittek Mfg. Co., Chicago, Ill.)	8
FB-60	Clamp - (Wittek Mfg. Co., Chicago, Ill.)	92
61-64151	Stud - Fuel tank gage support	4
VS80-7-12-125	Washer - Special	2
VS83-1	Washer - Special	2
1-1741	Valve - (Parker Appliance Co., Cleveland, Ohio)	2
GT-2	Clamp - (Wittek Mfg. Co., Chicago, Ill.)	4
GT-7	Clamp - (Wittek Mfg. Co., Chicago, Ill.)	6
GT-9	Clamp - (Wittek Mfg. Co., Chicago, Ill.)	6
11-939-13	Valve - Check (Parker Appliance Co., Cleveland, Ohio)	1
GT-15	Clamp - (Wittek Mfg. Co., Chicago, Ill.)	31
16-HLC	Elbow - (Parker Appliance Co., Cleveland, Ohio)	1
R600-CWB	Pump - Pesco fuel (Pump Eng. Service Corp., Cleveland, Ohio)	1
#755-10-2-8	Clamp - (Adel Precision Prod. Corp., Burbank, California)	4
3141-3-16	Tee - (Parker Appliance Co., Cleveland, Ohio)	2

Panel Assembly - Outer Wing

(Part List No. 3041)

61-08002	Panel Assembly - Outer wing LH	1
61-08002-1	Panel Assembly - Outer wing RH	1
61-08002-12	Door - Outer wing panel assembly	2
61-08002-17	Door - Outer wing panel assembly	2
61-08002-25	Door - Outer wing panel assembly	2
61-08003	Tip Assembly - Wing (P.L. 3053) LH	1
61-08003-1	Tip Assembly - Wing (P.L. 3053) RH	1
61-08011	Beam Assembly - Outer panel rear LH	1
61-08011-1	Beam Assembly - Outer panel rear RH	1
61-01103-5	Fitting - Ctr. to outer panel att. rear RH	1
61-01103-6	Fitting - Ctr. to outer panel att. rear LH	1
61-01103-7	Fitting - Ctr. to outer panel att. rear RH	1
61-01103-8	Fitting - Ctr. to outer panel att. rear LH	1
61-01108-5	Fitting - Ctr. to outer panel att. rear RH	1
61-01108-6	Fitting - Ctr. to outer panel att. rear LH	1
61-01108-7	Fitting - Ctr. to outer panel att. rear RH	1
61-01108-8	Fitting - Ctr. to outer panel att. rear LH	1
61-08111	Installation - Outer wing junct. fitting LH	1
61-08111-1	Installation - Outer wing junct. fitting RH	1
61-08109	Fitting - Outer wing junct. upper att. LH	1
61-08109-1	Fitting - Outer wing junct. upper att. RH	1

(Continued)

SECTION II

Installation - Wing
Panel Assembly - Outer Wing

(Part List No. 3041 Contd.)

Part No.	1	2	3	4	5	Qty. Req.
61-08110					Fitting - Outer wing junct. lower att. LH	1
61-08110-1					Fitting - Outer wing junct. lower att. RH	1
61-08012-5					Rib Assembly - Wing sta. 159.156 & 171.843 typical nose RH	1
VS25-2					Screw - 1/4 special	2
VS500					Retainer - Bolt	2
61-08012-6					Rib Assembly - Wing sta. 159.156 & 171.843 typical nose	1
VS500					Retainer - Bolt	2
61-08012-7					Rib Assembly - Wing sta. 159.156 & 171.843 typical nose	1
VS500					Retainer - Bolt	2
61-08012-8					Rib Assembly - Wing sta. 159.156 & 171.843 typical nose LH	1
61-78404					Bracket - Landing light conduit	1
VS500					Retainer - Bolt	2
61-08013-1					Rib Assembly - Wing sta. 120.0 typ. nose RH	1
61-08013-2					Rib Assembly - Wing sta. 120.0 typ. nose LH	1
61-08013-3					Rib Assembly - Wing sta. 131.0 typ. nose RH	1
61-08013-4					Rib Assembly - Wing sta. 131.0 typ. nose LH	1
61-08013-5					Rib Assembly - Wing sta. 142.0 typ. nose RH	1

(Part List No. 3042)

61-08013-6	Rib Assembly - Wing sta. 142.0 typical nose LH	1
61-08013-7	Rib Assembly - Wing sta. 152.843 typical nose RH	1
61-08013-8	Rib Assembly - Wing sta. 152.43 typical nose LH	1
61-08013-9	Rib Assembly - Wing sta. 178.156 typical RH	1
61-08013-10	Rib Assembly - Wing sta. 178.156 typical nose LH	1
61-08013-11	Rib Assembly - Wing sta. 165.5 typical nose RH	1
VS25-1	Screw - 1/4 special	11
VS25-2	Screw - 1/4 special	11
VS500	Retainer - Bolt	22

(Part List No. 3043)

61-08014	Rib Assembly - Wing sta. 114.5 nose LH	1
61-08014-1	Rib Assembly - Wing sta. 114.5 nose RH	1
61-08015-1	Rib Assembly - Wing sta. 125.5 typical nose RH	1
61-08015-2	Rib Assembly - Wing sta. 125.5 typical nose LH	1
61-08015-3	Rib Assembly - Wing sta. 136.5 typical nose RH	1
61-08015-4	Rib Assembly - Wing sta. 136.5 typical nose LH	1
61-08015-5	Rib Assembly - Wing sta. 146.5 typical nose RH	1
61-08015-6	Rib Assembly - Wing sta. 146.5 typical nose LH	1
VS25-1	Screw - 1/4 special	4
VS25-2	Screw - 1/4 special	8
VS500	Retainer - Bolt	12

(Part List No. 3044)

61-08016-1	Rib Assembly - Wing sta. 184.5 typical nose RH	1
61-08016-2	Rib Assembly - Wing sta. 184.5 typical nose LH	1
61-08016-3	Rib Assembly - Wing sta. 193.528 typical nose RH	1
61-08016-4	Rib Assembly - Wing sta. 193.528 typical nose LH	1
VS377	Clip	1
VS25-2	Screw - 1/4 special	8
VS500	Retainer - Bolt	8
61-08017	Rib - Wing sta. 165.5 LH nose	2

(Continued)

SECTION II

Installation - Wing
Panel Assembly - Outer Wing

(Part List No. 3044 Contd.)

Part No.	1	2	3	4	5	Qty. Req.
61-08021					Rib Assembly - Outer panel inter. sta. 136.5 LH	1
61-08021-1					Rib Assembly - Outer panel inter. sta. 136.5 RH	1
VS80-5-8-020					Washer - Plain	12

(Part List No. 3045)

61-08022					Rib Assembly - Outer panel inter. sta. 146.5 LH	1
61-08022-1					Rib Assembly - Outer panel inter. sta. 146.5 RH	1
61-08023					Rib - Outer panel inter. sta. 159.156 LH	1
61-08023-1					Rib - Outer panel inter. sta. 159.156 RH	1
61-08024					Rib Assembly - Outer wing inter. sta. 171.843 LH	1
61-08024-1					Rib Assembly - Outer wing inter. sta. 171.843 RH	1
61-08025					Rib Assembly - Outer panel inter. sta. 184.5 LH	1
61-08025-1					Rib Assembly - Outer panel inter. sta. 184.5 RH	1
61-08026					Rib Assembly - Outer panel inter. sta. 193.528 LH	1

(Part List No. 3046)

61-08026-1					Rib Assembly - Outer panel inter. sta. 193.528 RH	1
61-95112					Bracket - Antenna attaching front half LH	1
61-95112-1					Bracket - Antenna attaching front half RH	1
61-95113					Bracket - Antenna attaching rear half LH	1
61-95113-1					Bracket - Antenna attaching rear half RH	1
61-08027-4					Rib Assembly - Outer panel inter. sta. No. 142	1
61-08027-5					Rib Assembly - Outer panel inter. sta. No. 142	1
61-08027-6					Rib Assembly - Outer panel inter. sta. No. 142	1
61-08027-7					Rib Assembly - Outer panel inter. sta. No. 142	1
61-08027-14					Rib Assembly - Outer panel inter. sta. No. 142	1
61-08027-15					Rib Assembly - Outer panel inter. sta. No. 142	1

(Part List No. 3047)

61-08030					Rib Assembly - Sta. 108.843 inter. LH	1
61-08030-1					Rib Assembly - Sta. 108.843 inter. RH	1
61-08031					Rib Assembly - Sta. 108.843 LH	1
61-08031-1					Rib Assembly - Sta. 108.843 RH	1
61-08032					Rib Assembly - Outer panel sta. 114.5 inter. LH	1
61-08032-1					Rib Assembly - Outer panel sta. 114.5 inter. RH	1
61-08101					Installation - Outer wing tie down fitting LH	1
61-08101-1					Installation - Outer wing tie down fitting RH	1
61-08102					Fitting - Outer wing tie down	2

(Part List No. 3048)

61-08104					Spring - Tie down fit outer wing	2
61-08105-1					Former - Outer panel inter. typical	1
61-08105-2					Former - Outer panel inter. typical	1
61-08105-3					Former - Outer panel inter. typical	1
61-08105-4					Former - Outer panel inter. typical	1
61-08105-5					Former - Outer panel inter. typical	1
61-08105-6					Former - Outer panel inter. typical	1
61-08105-7					Former - Outer panel inter. typical	1

(Continued)

SECTION II

Installation - Wing
Panel Assembly - Outer Wing

(Part List No. 3048 Contd.)

Part No.	1	2	3	4	5	Qty. Req.
61-08105-8	Former	-	Outer panel inter.	typical		1
61-08105-9	Former	-	Outer panel inter.	typical		1
61-08105-10	Former	-	Outer panel inter.	typical		1
61-08105-11	Former	-	Outer panel inter.	typical		1
61-08105-12	Former	-	Outer panel inter.	typical		1

(Part List No. 3049)

61-08107	Door	-	Sta. 184.5 to 193.528	electrical inspection LH		1
61-08107-1	Door	-	Sta. 184.5 to 193.528	electrical inspection RH		1
61-08113	Stiffener	-	Sta. 120.0 wing main beam	LH		1
61-08113-1	Stiffener	-	Sta. 120.0 wing main beam	RH		1
61-08114	Stiffener	-	Sta. 125.5 wing main beam	LH		1
61-08114-1	Stiffener	-	Sta. 125.5 wing main beam	RH		1
61-08115	Stiffener	-	Sta. 131.0 wing main beam	LH		1

(Part List No. 3050)

61-08115-1	Stiffener	-	Sta. 131.0 wing main beam	RH		1
61-08117-0	Rib	-	Outer panel inter. sta. 125.5	LH		1
61-08117-3	Rib	-	Outer panel inter. sta. 125.5	RH		1
61-08117-1	Web	-	Outer panel inter. sta. 125.5	RH		1
61-08117-2	Clip	-	Outer panel inter. sta. 125.5	RH		1
61-08128	Installation	-	Wing guns ammunition	LH		1
61-08128-1	Installation	-	Wing guns ammunition	RH		1
61-87826	Pin	-	Wings guns ammunition box			6
61-66401-3	Installation	-	Outer wing panel instrument	RH		1
61-66401-4	Installation	-	Outer wing panel instrument	LH		1
61-71301-4	Installation	-	Aileron trim tab control	LH		1
61-71010-3	Unit Assembly	-	Trim tab control			1
61-71004-3	Shaft Assembly	-	Trim tab control			1
VS140-120-12	Rod	-	Drill			2
61-71004-6	Shaft	-	Trim tab control			1
61-71119	Housing Assembly	-	Trim tab control drum			4
61-71006	Cover Assembly	-	Trim tab control unit			1
61-71102	Spacer	-	Trim tab control unit			1
63-71108	Drum	-	Trim tab control rudder & elevator			4
61-71019	Bearing Assembly	-	Aileron trim tab control			1

(Part List No. 3051)

#A-652	Bearing	-	(Oilite Chrysler Corp., Detroit, Michigan)			1
61-71305	Shim	-	Aileron trim tab control			1
61-71303	Support	-	Aileron trim tab control bracket			2
61-75401	Installation	-	Outer wing flight controls	LH		1
61-75401-1	Installation	-	Outer wing flight controls	RH		1
61-69004	Bellcrank Assembly	-	Aileron operating	LH		1
61-69004-1	Bellcrank Assembly	-	Aileron operating	RH		1
61-69009	Rod Assembly	-	Aileron push			2
61-69013-3	Cable Assembly	-	Aileron control			2
61-69013-7	Cable Assembly	-	Aileron control			2
61-71016-11	Cable Assembly	-	Tab controls			1
VS360-2L	Terminal	-	Swaged class D			1
VS80-7-16-094	Washer	-	Plain			4
VS146-14	Link	-	Cable			4
61-78401	Installation	-	Outer wing electrical	LH		1
61-78401-1	Installation	-	Outer wing electrical	RH		1

(Continued)

SECTION II

Installation - Wing
Panel Assembly - Outer Wing

(Part List No. 3051 Contd.)

Part No.	1	2	3	4	5	Qty. Req.
61-78014					Light Assembly - Modified Grimes ST250 retractable	1
61-78108					Plate - Retractable landing light mounting	1
ST250					Light Assembly - (Grimes Mfg. Co., Urbana, Ill.)	1
61-78034					Box Assembly - Outer wing junction	1

(Part List No. 3052)

61-78036					Panel Assembly - Outer wing junction box	1
78-0625					Clamp - (Breeze Corp., Newark, N. J.)	1
79-0375					Nut - (Same as above)	1
79-0500					Nut - (Same as above)	1
79-0625					Nut - (Same as above)	1
61-78035					Cover - Outer wing junction box	1
78-0375					Clamp - (Same as above)	1
78-0500					Clamp - (Same as above)	1
VS21-10-15					Screw - 100° recessed flat head	2
VS22-10-7					Screw - 100° recessed head	72
VS22-10-9					Screw - 100° recessed head	32
VS22-10-10					Screw - 100° recessed head	26
VS25-1					Screw - 1/4 special	4
VS25-2					Screw - 1/4 special	2
#22A5-02					Nut - Anchor (Elastic Stop Nut Corp., Elizabeth, N. J.)	4
#22A12-02					Nut - (Same as above)	56
#22A12-82					Nut - (Same as above)	4
#22A14-02					Nut - (Same as above)	8

Tip Assembly - Wing

(Part List No. 3053)

61-08003					Tip Assembly - Wing LH	1
61-08003-1					Tip Assembly - Wing RH	1
61-08003-18					Tip Assembly - Wing riveted LH	1
61-08003-21					Tip Assembly - Wing riveted RH	1
61-78701-1					Installation - Wing tip electrical equipment LH	1
61-78701-2					Installation - Wing tip electrical equipment RH	1
61-78033					Box Assembly - Wing tip running lights	2
61-78033-3					Box Assembly - Wing tip running lights riveted	2
78-0375					Clamp - (Breeze Corp., Newark, N. J.)	2
79-0375					Nut - (Same as above)	2
61-78059-1					Conduit Assembly - Electrical flexible RH	1
119-1-0375					Ferrule - (Breeze Corp., Newark, N. J.)	1
118-1-0375					Nut - (Same as above)	1
113-1-0375					Ferrule - (Same as above)	1
WK-4-21-3/8					Plug - (Cannon Elec. Dev. Co., Los Angeles, Calif.)	1
61-78059-39					Conduit Assembly - Electrical flexible LH	1
119-1-0375					Ferrule - (Breeze Corp., Newark, N. J.)	1
118-1-0375					Nut - (Same as above)	1
113-1-0375					Ferrule - (Same as above)	1
WK-4-21-3/8					Plug - (Cannon Elec. Dev. Co., Los Angeles, Calif.)	1
63-78702-1					Support - Running lights	4
61-78722					List - Wing tip electrical material LH	Ref.
61-78722-1					List - Wing tip electrical material RH	Ref.
VS21-8-8					Screw	16

SECTION IIInstallation - Wing
Installation - Aileron LH

(Part List No. 3054)

Part No.	1	2	3	4	5	Qty. Req.
61-12001	Installation - Aileron LH					1
61-12001-1	Installation - Aileron RH					1
61-12001-3	Aileron Assembly - Complete RH					1
61-12001-4	Aileron Assembly - Complete LH					1
61-12004	Tab Assembly - Aileron LH					1
61-12004-1	Tab Assembly - Aileron RH					1
61-12005	Frame Assembly - Aileron LH					1
61-12005-1	Frame Assembly - Aileron RH					1
61-12005-87	Door Assembly - Aileron frame riveted					1
61-12005-96	Door Assembly - Aileron frame riveted					1
61-12013-17	Bracket Assembly - Aileron tab RH					1
61-12013-18	Bracket Assembly - Aileron tab LH					1
61-12102	Horn - Aileron control					2
61-12103-1	Bracket - Aileron hinge RH					2
61-12103-2	Bracket - Aileron hinge LH					2
61-12103-3	Bracket - Aileron hinge RH					2
61-12103-4	Bracket - Aileron hinge LH					2

Installation - Aileron

(Part List No. 3055)

61-12103-5	Bracket - Aileron hinge RH	2
61-12103-6	Bracket - Aileron hinge LH	2
22A12-82	Nut - Stop (Elastic Stop Nut Corp., Elizabeth, N. J.)	14
22A14-82	Nut - Stop (Same as above)	12
DR-134-100-10	Rivets - Explosive (E. I. Dupont De Nemours & Co., Wilmington, Del.)	8
DR-134-100-12	Rivets - Explosive (E. I. Dupont De Nemours & Co., Wilmington, Del.)	16
DR-134-100-16	Rivets - Explosive (Same as above)	12
DR-134-100-18	Rivets - Explosive (Same as above)	2
61-71301-3	Installation - LH aileron trim tab control	1
61-71302	Worm - Aileron trim tab control	1
REB3N-2	End - Rod (Federal Brg. Co., Poughkeepsie, N. Y.)	1
Model 1911	Fitting - Alemite (Alemite Corp., Chicago, Ill.) 1/4 x 28 tap thread	1
AN310-3	Nut	6
AN380-2-2	Pin - Cotter	6
AN3-10A	Bolt	6

Installation - Wing Center Section Flap

(Part List No. 3056)

61-16001	Installation - Wing center section flap	1
61-16002	Flap Assembly - Center section LH	1
61-16002-1	Flap Assembly - Center section RH	1
AN23-12	Bolt - Clevis	8
AN24-17	Bolt - Clevis	4
AN320-3	Nut - Shear	8
AN320-4	Nut - Shear	4
AN380-2-2	Pin - Cotter	12

SECTION IIInstallation - Wing
Installation - Fuselage To Wing Fairing

(Part List No. 3057)

<u>Part No.</u>	1	2	3	4	5	<u>Qty.</u> <u>Req.</u>
61-18101	Installation - Fuselage to wing fairing					1
61-18102	Filler - Cockpit air ventilator LH					1
VS21-8-7	Screw - 100° recessed flat head					62
VS21-3-8	Screw - 100° recessed flat head					70
VS21-8-9	Screw - 100° recessed flat head					4
VS21-8-10	Screw - 100° recessed flat head					28
VS21-8-104	Screw - 100° recessed flat head					4
VS22-8-7	Screw - 100° recessed flat head					12
VS22-6-4	Screw - 100° recessed head special					3
VS80-08-16-.062	Washer - Plain					34
VS80D-9-12	Washer - Plain					12
VS90-1	Washer - 100° counterpunched					148
22A12-82	Nut - Stop (Elastic Stop Nut Corp., Elizabeth, N. J.)					43
22A14-82	Nut - Stop (Same as above)					2
61-31716	Spacer - Bolt special					4

SECTION IIEmpennage
Installation - Empennage

(Part List No. 3058)

<u>Part No.</u>	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u>	<u>Qty.</u> <u>Req.</u>
61-21001	Installation - Empennage	1
61-22001	Installation - Horizontal stabilizer (P.L. 3059-3062)	1
61-24001	Installation - Elevators & tabs (P.L. 3063-3064)	1
61-26001	Installation - Vertical stabilizer (P.L. 3065-3068)	1
61-28001	Installation - Rudder & tabs (P.L. 3069-3070)	1
61-30003	Fairing Assembly - Horizontal stabilizer to fuselage LH	1
61-30003-1	Fairing Assembly - Horizontal stabilizer to fuselage RH	1
61-30004	Fairing Assembly - Vertical stabilizer to fuselage	1
61-31901	Installation - Tail cone (P.L. 3071-3072)	1
61-71201-11	Installation - Elevator trim tab controls	1
61-71125	Plug - Trim tab control tube	2
61-71127	Sleeve - 12 threads per inch trim tab control	2
61-71202	Universal - Trim tab control	4
61-71203	Rod - Elevator trim tab control	2
61-71211	Sleeve - Elevator tab control assembly	2
22TM62	Nut (Elastic Stop Nut Corp., Elizabeth, New Jersey)	2
VS19-8-10	Screw - Recessed button head	32

Installation - Horizontal Stabilizer

(Part List No. 3059)

61-22001	Installation - Horizontal stabilizer	1
61-22004	Tube Assembly - Horizontal stabilizer to fuselage brace	2
61-22109	Fitting Assembly - Horizontal stabilizer brace tube lower	2
VS120S-6-28	Bushing	1
61-22110	Fitting - Horizontal stabilizer brace tube upper	2
61-22111	Clevis - Horizontal stabilizer brace tube bolt	2
61-22009	Stabilizer Assembly - Horizontal LH	1
61-22009-1	Stabilizer Assembly - Horizontal RH	1
61-22003	Rib Assembly - Horizontal stabilizer sta. 61-5/8	2
61-22005	Plate Assembly - Horizontal stabilizer forward attaching RH	1
61-22005-1	Plate Assembly - Horizontal stabilizer forward attaching LH	1
61-22006	Rib Assembly - Horizontal stabilizer sta. 31-3/4	2
61-22007	Spar Assembly - Horizontal stabilizer rear	2
22A17-82	Nut - Plate (Elastic Stop Nut Corp., Elizabeth, N. J.)	2
61-22008	Fitting Assembly - Horizontal stabilizer brace tube attaching LH	1
61-22008-1	Fitting Assembly - Horizontal stabilizer brace tube attaching RH	1
VS120-5508	Bushing	2
61-22103	Rib Assembly - Horizontal stabilizer station 10-12-5/8 canted	2
61-22108	Channel Assembly - Horizontal stabilizer front attaching LH	1
61-22108-1	Channel Assembly - Horizontal stabilizer front attaching RH	1

SECTION IIEmpennage
Installation - Horizontal Stabilizer

(Part List No. 3060)

Part No.	1	2	3	4	5	Qty. Req.
61-22113					Rib Assembly - Horizontal stabilizer sta. 68	2
22A1-82-BC100					Nut - Plate (Elastic Stop Nut Corp., Elizabeth, N.J.)	2
61-22116					Rib Assembly - Horizontal stabilizer sta. 46-3/4	2
22A1-82-BC100					Nut - Plate (Elastic Stop Nut Corp., Elizabeth, N.J.)	3
61-22117					Rib Assembly - Horizontal stabilizer sta. 75-1/4	2
22A1-82-BC100					Nut - Stop (Elastic Stop Nut Corp., Elizabeth, N.J.)	2
61-22118					Rib Assembly - Horizontal stabilizer sta. 39.25	2
22A1-82-BC100					Nut - Plate (Elizabeth Stop Nut Corp., Elizabeth, N.J.)	3
61-22119					Rib Assembly - Horizontal stabilizer sta. 54-1/4	2
22A1-82-BC100					Nut - Plate (Elastic Stop Nut Corp., Elizabeth, N.J.)	3
61-22122					Rib Assembly - Horizontal stabilizer, sta. 81.25	2
22A1-82-BC100					Nut - Stop (Elastic Stop Nut Corp., Elizabeth, N.J.)	2
61-24010					Bracket Assembly - Elevator bellcrank support	2
VS21-8-8					Screw - 100° recessed flat head	1
61-24103					Bracket Assembly - Elevator hinge sta. No. 61.625	2
K3A					Bearing - (Fafnir Bearing Co., New Britain, Conn.)	1
61-24106					Bracket Assembly - Elevator hinge sta. No. 31.75	2
61-24107					Retainer - Bearing	4

(Part List No. 3061)

61-22104	Rib - Horizontal stabilizer sta. 14-12-5/8 nose canted	2
61-22105	Rib - Horizontal stabilizer sta. 25/32-11-1/4 canted	2
61-22106	Rib - Horizontal stabilizer sta. 23-3/4	2
61-22112	Rib - Horizontal stabilizer sta. 16-3/4	2
61-22120	Spar - Horizontal stabilizer auxiliary	2
61-22121	Rib - Horizontal stabilizer auxiliary sta. 75.25	2
61-22123	Auxiliary Rib - Horizontal stabilizer sta. 81.25	2
61-22127	Rib - Horizontal stabilizer sta. 87.75	2
61-22128	Spacer - Elevator bellcrank support	2
VS20-8-8	Screw - Recessed round head	18
VS20-8-9	Screw - Recessed round head	8
VS20-8-10	Screw - Recessed round head	4
DR134-100-8	Rivet - Explosion (EI DuPont DeNemours & Co., Wilmington, Del.)	16
DRI34-100-10	Rivet - Explosion (same as above)	84
DR134-100-12	Rivet - Explosion (same as above)	76
DR134-100-14	Rivet - Explosion (same as above)	4
#6483	Fastener - Dill lok skru (Dill Mfg. Co., Cleveland, Ohio)	2
#6481	Fastener - Dill lok skru (same as above)	14
#6482	Fastener - Dill lok skru (same as above)	16
#6484	Fastener - Dill lok skru (same as above)	2
61-22115	Channel Assembly - Horizontal stabilizer rear spar splice	2
AN4-6A	Bolt	20

(Part List No. 3062)

AN4-10A	Bolt	12
AN5-7A	Bolt	2
AN5-10A	Bolt	4
AN24-10A	Bolt	4
AN365-428	Nut	16
AN365-524	Nut	6
AN960-416	Washer	20

SECTION IIEmpennage
Installation - Elevators & Tabs

(Part List No. 3063)

<u>Part No.</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>Qty.</u> <u>Req.</u>
61-24001	Installation - Elevators & tabs					1
61-24001-2	Elevator Assembly - Complete LH					1
61-24001-3	Elevator Assembly - Complete RH					1
61-24003	Tab Assembly - Elevator LH					1
61-24003-1	Tab Assembly - Elevator RH					1
61-24004	Bracket Assembly - Elevator tab					2
61-24102	Rib - Elevator tab outboard					2
61-24104	Rib - Elevator tab inboard					4
61-24105	Spar - Elevator tab					2
61-25002	Elevator Assembly - Covered LH					1
61-25002-1	Elevator Assembly - Covered RH					1
61-24002	Frame Assembly - Elevator LH					1
61-24002-1	Frame Assembly - Elevator RH					1
61-24008	Bracket Assembly - Elevator inboard hinge					2
61-24009	Bracket Assembly - Elevator outboard hinge					2
VS21-8-10	Screw					42
VS80D-10-11-032	Washer - Plain					42
22A12-82-BC100	Nut - Anchor					12
22A17-.048	Nut - Anchor (Elastic Stop Nut Corp., Elizabeth, N.J.)					8
61-24120	Cover - Hinge access					4

(Part List No. 3064)

VS22-8-9	Screw	12
#1	Grommet - Celluloid (Air Associates, Glendale, California)	20
61-71201-6	Installation - Elevator trim tab controls LH	1
61-71201-7	Installation - Elevator trim tab controls RH	1
61-71201-3	Tube Assembly - Elevator trim tab controls RH	1
61-71201-10	Tube Assembly - Elevator trim tab controls LH	1
VS110S11-17-P	Spacer	2
#1703	Alemite Fitting - (Alemite Corp., Chicago, Ill.)	2
VS287-090-1105	Pin - Hinge	2
VS287-090-923	Pin - Hinge	2
61-68101	Installation - Elevator torque tube	1
61-68101-3	Tube Assembly - Elevator torque tube	1
61-68003	Bellcrank Assembly - Elevator control	1
D4	Bearing - Elevator control bellcrank (Fafnir Bearing Co., New Britain, Conn.)	1
61-68103	Fitting - Elevator torque tube attaching LH	1
61-68103-1	Fitting - Elevator torque tube attaching RH	1
VS121D-78-12	Spacer - Bearing	2
VS314-612-404	Lead - Bonding	1

Installation - Vertical Stabilizer

(Part List No. 3065)

61-26001	Installation - Vertical stabilizer	1
61-26014	Stabilizer Assembly - Vertical	1
61-26004	Spar Assembly - Vertical stabilizer rear	1
61-26005	Rib Assembly - Vertical stabilizer tab control support	1
22A12-82	Nut - Plate (Elastic Stop Nut Corp., Elizabeth, N.J.)	3
61-26006	Rib Assembly - Vertical stabilizer sta. 45-5/8	1
61-95013	Bracket Assembly - Antenna pulley	1

(Continued)

SECTION II

Empennage
Installation - Vertical Stabilizer

(Part List No. 3065 Contd.)

Part No.	1	2	3	4	5	Qty. Req.
VS110S2-10					Spacer	2
22A17-02					Nut - Anchor (Elastic Stop Nut Corp., Elizabeth, N.J.)	4
61-26007					Rib Assembly - Vertical stabilizer canted rear	1
61-26010					Rib Assembly - Vertical stabilizer sta. 19-3/8	1
61-26008					Support Assembly - Vertical stabilizer sta. 19-3/8 lower	1
61-26009					Support Assembly - Vertical stabilizer sta. 19-3/8 upper	1
61-26011					Rib Assembly - Vertical stabilizer - sta. 12-3/8	1
61-78042					Bracket Assembly - Vertical stabilizer electrical conduit	1
61-26012					Fitting Assembly - Vertical stabilizer forward attaching	1
61-28004					Bracket Assembly - Rudder hinge sta. 19-3/8	1
61-24107					Retainer - Bearing	2
61-28005					Bracket Assembly - Rudder hinge sta. 45-5/8	1
61-70012					Bracket Assembly - Rudder torque tube support	1

(Part List No. 3066)

61-70014					Housing Assembly - Rudder torque tube lower support bearing	1
61-70106					Bracket - Rudder control support LH	1
61-70107					Bracket - Rudder control support RH	1
VS21-10-11					Screw - 100° recessed flat head	4
VS15N-10-10					Screw - Button head	4
61-71101-7					Installation - Rudder trim tab control	1
61-71010-2					Unit Assembly - Trim tab control	1
61-71006					Cover Assembly - Trim tab control unit	1
61-71102					Spacer - Trim tab control unit	1
63-71108					Drum - Trim tab control rudder & elevator	1
61-71128					Sleeve Assembly - Rudder trim tab control	1
61-71005					Support Assembly - Rudder trim tab control	1
#86981					Bearing - (Atlas Brass Foundry Inc., Los Angeles, California)	1
61-71103					Sleeve - Rudder trim tab control	1
61-71129-1					Collar - Rudder trim tab control	1
61-71129-2					Collar - Rudder trim tab control	1
61-78601					Installation - Vertical stabilizer electrical equipment	1
61-78043					Box Assembly - Vertical stabilizer running lights	1
78-0375					Clamp - (Breeze Corp., Elizabeth, N.J.)	1
79-0375					Nut - (Breeze Corp., Elizabeth, N.J.)	1

(Part List No. 3067)

61-78059-2					Conduit Assembly - Electrical flexible	1
113-1-0625					Ferrule (Breeze Corp., Elizabeth, N.J.)	1
118-1-0375					Nut (Breeze Corp., Elizabeth, N.J.)	1
119-1-0375					Ferrule (Breeze Corp., Elizabeth, N.J.)	1
WK4-23-3/8AC					Plug (Cannon Electrical Development Co., Los Angeles, California)	1
61-78060-1					Conduit - Electrical rigid	1
61-78602					Bracket - Vertical stabilizer electrical conduit lower	1
63-78702-1					Support - Running lights	2
VS21-8-8					Screw - 100° recessed flat head	8
79-0375					Nut - (Breeze Corp., Elizabeth, N.J.)	2
81-0375					Union (Breeze Corp., Elizabeth, N.J.)	1
Type G-6						
6CP 12-16V					Lamp (General Electrical Co., Cleveland, Ohio)	2
61-95116					Bracket Assembly - Antenna shock link attaching	1
61-95601					Installation - Radio antenna vertical stabilizer	1

(Continued)

SECTION IIEmpennage
Installation - Vertical Stabilizer

(Part List No. 3067 Contd.)

Part No.	1	2	3	4	5	Qty. Req.
61-95016					Cable Assembly - Antenna shock link attaching	1
VS275-1					Bushing - Cable	1
NAF 213089					Link - Shock	1
61-26102					Spar - Vertical stabilizer tip	1
61-26103					Rib - Vertical stabilizer canted forward	1
61-26104					Rib - Vertical stabilizer sta. 5-3/8	1

(Part List No. 3068)

61-26105					Rib - Vertical stabilizer sta. 36. 36-1/8	1
61-26106					Rib - Vertical stabilizer sta. 51-13/16	1
61-26107					Rib - Vertical stabilizer sta. 27-1/8	1
63-26115-1					Doubler - Running light	1
VS20-8-8					Screw - Recessed round head	27
VS21-8-7					Screw - Recessed round head	6
VS21-8-8					Screw - 100° recessed flat head	27
VS22A12-82					Screw - 100° recessed head special	10
VS22A17-82					Screw - 100° recessed head special	2

Installation - Rudder & Tab

(Part List No. 3069)

61-28001					Installation - Rudder & tab	1
61-28003					Tab Assembly - Rudder	1
61-28006					Bracket Assembly - Rudder tab	1
61-29002					Rudder Assembly - Covered	1
61-24120					Cover - Hinge access	2
VS22-8-9					Screw - Recessed head	6
#50580					Button - Plug (United-Carr Fastener Corp., Cambridge, Mass.)	1
61-70501					Installation - Rudder torque tube	1
61-70501-3					Tube Assembly	1
61-70013					Arm Assembly - Rudder torque tube control	1
61-70502					Fitting - Rudder torque tube attaching	1
VS314-610-316					Connector Assembly - Bonding	1
61-71101-6					Installation - Rudder trim tab control	1
61-71101-5					Actuating Assembly - Rudder trim tab control	1
61-71008					End Assembly - Trim tab control rod	1

(Part List No. 3070)

#A-304-2					Bearing (Oilite Chrysler Corp., Detroit, Michigan)	1
61-71104					Universal - Rudder trim tab control	1
61-71127					Sleeve - 12 thread per inch trim tab control	1
61-71130					Worm - 12 threads per inch trim tab control	1
VS121S46-34P					Spacer	1
MOD.#1703					Fitting (Alemite Corp., Chicago, Ill.)	1
VS287-090-1004					Pin - Hinge	2
AN23-13					Bolt - Clevis	1
AN24-15					Bolt - Clevis	1
AN320-3					Nut	1
AN320-4					Nut	1
AN380-2-3					Pin - Cotter	2

RESTRICTED

T. O. NO. 01-50FA-4

SECTION IIEmpennage
Installation - Tail Cone

(Part List No. 3071)

<u>Part No.</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>Qty.</u> <u>Req.</u>
61-31901	Installation - Tail cone					1
61-31025-7	Rib Assembly - Tail cone side close LH					2
22A14-82	Nut - Plate (Elastic Stop Nut Corp., Elizabeth, N.J.)					2
61-31025-8	Rib Assembly - Tail cone side close					1
22A14-82	Nut - Plate (Elastic Stop Nut Corp., Elizabeth, N.J.)					2
61-31025-12	Rib Assembly - Tail cone side close RH					1
22A14-82	Nut - Plate (Elastic Stop Nut Corp., Elizabeth, N.J.)					2
61-31026-6	Rib Assembly - Tail cone top closure					1
22A14-82	Nut - Plate (Elastic Stop Nut Corp., Elizabeth, N.J.)					7
61-31026-7	Rib Assembly - Tail cone top closure					1
22A14-82	Nut - Plate (Elastic Stop Nut Corp., Elizabeth, N.J.)					7
61-31029	Bulkhead Assembly - Tail cone					1
VS19-8-8	Screw - Recessed button head					66
VS19-10-10	Screw - Recessed button head					6
VS21-8-8	Screw - 100° recessed flat head					36

(Part List No. 3072)

VS22-8-8	Screw - 100° recessed head special	5
VS82	Washer - Special	16
FA5-35	Fastener (Dzus Fastener Co., Babylon, N.Y.)	8
22A12-82	Nut - Plate (Elastic Stop Nut Corp., Elizabeth, N.J.)	7
NO.GF5-175	Grommet (Dzus Fastener Co., Babylon, N.Y.)	8
NO.S5-325	Spring (Dzus Fastener Co., Babylon, N.Y.)	8
NO. 11236	Name Plate - Landing gear shock absorber (United Aircraft Prod. Inc., Los Angeles, California)	1

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SECTION IIBody
Fuselage Assembly

(Part List No. 3073)

Part No.	1	2	3	4	5	Qty. Req.
61-31002	Fuselage Assembly					1
61-31004	Structure Assembly - Fus. Monocoque					1
61-31007	Fitting Assembly - Upper tail wheel attaching					1
61-31107	Fitting - Upper tail wheel attach.					1
61-31008	Fitting Assembly - Lower tail wheel attaching LH					1
61-31008-1	Fitting Assembly - Lower tail wheel att. RH					1
61-31109	Fitting - Lower tail wheel att. LH					1
61-31109-1	Fitting - Lower tail wheel att. RH					1
61-31018	Frame Assembly - Fuselage monocoque sta. 267-3/16					1
61-31143	Angle - Torque tube brkt. support					1
61-31144	Doubler - Sta. 267-3/16 fuse. frame cable hole					1
61-46023	Bracket Assembly - Tail wheel link lock upper pulley					1
VS110D14-10	Spacer					1
61-46139	Bracket - Tail wheel link lock lower pulley					1
61-31032	Door Assembly - Monocoque inspection					1
61-31134	Doubler - Jack pad and mooring ring					1
61-31501	Installation - Monocoque inspection door sup. frame					1
63-31125-1	Fitting - Jack pad and mooring att.					1
61-31005	Firewall Assembly					1
61-31005-2	Panel Assembly - Spotwelded					1
61-31005-18	Door Assembly - Spotwelded LH					1
61-31005-19	Door Assembly - Spotwelded RH					1
61-31120-1	Retainer - Gun firewall fairlead					1

(Part List No. 3074)

61-31120-2	Retainer - Gun firewall fairlead	2
61-31120-3	Retainer - Gun firewall fairlead	1
S5-300	Spring - (Dzus Fastener Co., Babylon, L.I.)	11
1375	Spring - (Same as above)	15
VS82	Washer	52
61-31021	Panel Assembly - Front removable RH	1
63-31103	Fitting - Removable side panel attaching	3
FA5-35	Stud - (Dzus Fastener Co., Babylon, L.I.)	9
FA5-40	Stud - (Same as above)	1
GF5-175	Grommet - (Same as above)	10
VS21-8-8	Screw	8
61-31022	Panel Assembly - Rear removable RH	1
FA5-35	Stud - (Dzus Fastener Co., Babylon, L.I.)	10
GF5-175	Grommet - (Same as above)	10
61-31023	Fairing Assembly - Lower tube structure	1
61-31023-11	Fairing Assembly - Spotwelded LH	1
61-31023-12	Fairing Assembly - Spotwelded RH	1
61-31024	Frame Assembly - Sta. 148	1
61-31030	Panel Assembly - Front removable side LH	1
61-31030-6	Frame Assembly - Spotwelded	1

(Part List No. 3075)

61-31103	Fitting - Removable side panel attaching	3
61-31033	Step Assembly - Pilot's entrance	1
61-31034	Door Assembly - Pilot's entrance step	1
61-31153	Spring - Pilot's entrance step	2

(Continued)

SECTION IIBody
Fuselage Assembly

(Part List No. 3075 Contd.)

Part No.	1	2	3	4	5	Qty. Req.
61-31150					Shield - Pilot's entrance	1
61-31151					Plate - Pilot's entrance step	1
VS21-8-8					Screw	6
FA5-35					Stud - (Dzus Fastener Co., Babylon, L. I.)	9
GF5-175					Grommet - (Dzus Fastener Co., Babylon, L.I.)	10
61-31031					Panel Assembly - Rear removable LH	1
61-31031-12					Door Assembly - Riveted	1
61-31031-14					Frame Assembly - Spotwelded	1
63-31103					Fitting - Removable side panel attaching	3
61-76501					Installation - First aid kit support	1
61-76501-2					Strap - First aid kit support	1
61-76501-5					Strap - First aid kit support	1
#635					Buckle - (North & Judd, New Britian, Conn.)	1
GF5-175					Grommet - (Dzus Fastener Co., Babylon, L. I.)	11
S5-375					Spring - (Dzus Fastener Co., Babylon, L.I.)	1
61-31031-6					Hinge - Rear removable panel door	1

(Part List No. 3076)

61-31031-8					Clip - Rear removable panel	1
61-31103					Fitting - Removable side panel attaching	3
FA5-35					Stud - (Dzus Fastener Co., Babylon, N.Y.)	11
VS21-8-8					Screw	6
VS80-5-8-020					Washer	2
VS82					Washer	2
61-31301					Structure Assembly - Complete fuselage tubing	1
61-31401					Installation - Side panel support structure	1
61-31401-12					Bracket - Side panel support structure LH	1
61-31401-13					Bracket - Side panel support structure RH	1
VS15N-8-6					Screw	6
VS15N-8-8					Screw	28
VS21-8-8					Screw	8
VS21-10-08					Screw	4
61-31601					Installation - Upper forward fuselage fairing	1
61-31601-56					Fairing Assembly - Upper forward fuselage Complete fairing L H	1
61-31601-57					Door Assembly - Upper forward fuselage fairing complete R H	1
61-31601-58					Door Assembly - Upper forward fuselage fairing complete L H	1
61-31601-59					Door Assembly - Upper forward fuselage fairing complete R H	1
61-31601-60					Door Assembly - Upper forward fuselage fairing complete L H	1

(Part List No. 3077)

61-66009					Bracket Assembly - Instrument panel upper shock mount attaching	1
61-66009-1					Bracket Assembly - Instrument panel upper shock mount attaching	1
150P6					Mount - Shock (Lord Mfg. Co., Erie, Pa.)	1
150P8					Mount - Shock (Same as above)	1
VS21-8-8					Screw	30

(Continued)

SECTION IIBody
Fuselage Assembly

(Part List No. 3077 Contd.)

Part No.	1	2	3	4	5	Qty. Req.
VS21-10-8					Screw	2
VS22-8-6					Screw	20
VS54					Plate - Equipment company name marking	1
VS80-5-8-020					Washer	4
VS82					Washer	32
FA5-35					Stud - (Dzus Fastener Co., Babylon, L. I.	15
GF5-175					Grommer - (Same as above)	15
S5-300					Spring - (Same as above)	16
61-31702					Installation - Lower firewall sheet	1
61-31716					Spacer - Bolt special	16
61-77107					Angle - Pilot's cold air support	1
VS19-8-6					Screw - Recessed button head	26
VS19-8-8					Screw - Recessed button head	12
VS22-8-8					Screw - Recessed button head	4
61-32001					Installation - Cockpit enclosures (P.L.3082-3085)	1

(Part List No. 3078)

61-32125					Installation - Bullet resistant glass	1
61-32126					Support - Bullet resistant glass upper	1
61-32128					Plate - Bullet resistant glass support	1
61-32129					Screw - Bullet resistant glass attaching	1
61-32130					Washer - Bullet resistant glass spring parting	4
61-32131					Glass - Pilot's bullet proof	1
61-32133					Support - Bullet proof glass lower	1
61-64113					Spring - Coil compression	8
72-32091					Spring - Pilot's armor glass upper retainer	1
61-32132					Bracket Assembly - Bullet proof glass supporting LH	1
61-32132-1					Bracket Assembly - Bullet proof glass supporting RH	1
61-32137					Support Assembly - Bullet proof glass LH	1
61-32137-1					Support Assembly - Bullet proof glass RH	1
VS150AC1610					Clamp	2
61-43101					Installation - Landing gear brake line fuselage	1
9-2539-6A					Adapter - (Parker Appliance Co., Cleveland, Ohio)	1
61-82115					Hose - Hydraulic brake control upper	2
61-82002-8					Line Assembly - Landing gear hydraulic brake control LH	1
61-82022-7					Line Assembly - Landing gear hydraulic brake control RH	1
61-46201					Installation - Tail wheel centering lock control	1

(Part List No. 3079)

61-46025					Cable Assembly - Tail wheel centering control forward	1
VS360-2R					Terminal	1
61-46026					Tube Assembly - Tail wheel centering lock control guide	1
VS110D-14-020					Spacer	1
VS150B-1216					Clamp	1
61-46032-1					Clamp Assembly - Tail wheel shear pin cable outboard	1
61-46033-1					Clamp Assembly - Tail wheel shear pin cable inboard	1
61-46138					Handle - Tail wheel centering lock pin	1
61-46143					Placard - Tail wheel centering lock cable control	1
61-46165					Bracket Assembly - Tail wheel centering lock cable	1
VS110D-14-10					Spacer	1
61-46166					Spring - Tail wheel shear pin take up	1
61-46167					Shoe Assembly - Tail wheel shear pin cable	1

(Continued)

SECTION IIBody
Fuselage Assembly

(Part List No. 3079 Contd.)

Part No.	1	2	3	4	5	Qty. Req.
61-46168					Filler - Tail wheel centering lock cable bracket	1
61-46172					Cable Assembly - Tail wheel centering control inter.	1
VS360-2L					Terminal	1
61-46175					Filler - Tail wheel centering lock cable bracket	1
61-46203					Bracket Assembly - Tail wheel center control placard	1
VS80-10-13-037					Washer	2
VS110D24-005					Spacer	2

(Part List No. 3080)

VS150BC1216					Clamp	1
VS280C2-705					Cable Assembly - Spliced	2
VS280C2-9200					Cable Assembly - Spliced	1
61-59101					Installation - Engine & accessories control fuselage section (P.L. 3089-3088)	1
61-61101					Installation - Fuselage section starting system	1
61-61009-4					Line Assembly - Fuselage section starting system	1
61-61009-5					Line Assembly - Fuselage section starting system	1
61-61009-6					Line Assembly - Fuselage section starting system	1
61-64101					Installation - Fuselage fuel system (P.L. 3089-3091)	1
61-66101					Installation - Fuselage instrument (P.L. 3159-3161)	1
61-75101					Installation - Fuselage flight controls (P.L. 3114-3121)	1
61-77201-2					Installation - Fuselage section heating & ventilating system (P.L. 3170)	1
61-76001					Installation - Furnishing (P.L. 3164-3168)	1
61-78101					Installation - Fuselage electrical equipment (P.L. 3171-3192)	1
61-82101					Installation - Fuselage section hydraulic line (P.L. 3092-3094)	1
61-82301					Installation - Tail wheel cylinder hydraulic line (monocoque section)	1
61-82017-2					Line Assembly - Hydraulic system	1
61-82017-3					Line Assembly - Hydraulic system	1
61-82030					Cylinder Assembly - Tail wheel retracting	1
VS149-20					Clip	2

(Part List No. 3081)

#7-2539C					Elbow - (Parker Appliance Co., Cleveland, Ohio)	2
#9-3039-4-S					Nut - Parker Appliance Co., Cleveland, Ohio)	2
755A-4-2-6					Clip - (Adel Precision Products, Burbank, California)	10
61-82601					Installation - Landing gear hydraulic controls fuselage section (P.L. 3095-3097)	1
61-86003					Installation - Armor plate sta. 129-3/4-138-3/4	1
61-86010					Plate - Sta. 135-1/2 to 138-3/4 armor	1
61-86012					Plate - Sta. 129-3/4 to 135-1/2 armor	1
61-86004					Installation - Pilot's forward armor plate	1
61-36013					Plate - Pilot's forward armor	1
61-95101					Installation - Radio equipment fuselage (P.L. 3200-3202)	1
VS15N8-7					Screw	10
VS21-8-8					Screw	92

SECTION II

Body
Installation - Cockpit Enclosures

(Part List No. 3082)

<u>Part No.</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>Qty.</u> <u>Req.</u>
61-32001	Installation - Cockpit enclosures					1
61-32003	Enclosures Assembly - Front sliding					1
61-32013	Truck Assembly - Enclosure aft L H					1
61-32013-1	Truck Assembly - Enclosure aft R H					1
61-32013-8	Truck Assembly - Enclosure aft welded L H					1
61-32013-9	Truck Assembly - Enclosure aft welded R H					1
K3L-2	Bearing - (Fafnir Bearing Co., New Britain, Conn.)					4
61-32014	Truck Assembly - Enclosure forward L H					1
61-32014-1	Truck Assembly - Enclosure forward R H					1
61-32014-7	Truck Assembly - Enclosure forward R H					1
61-32014-8	Truck Assembly - Enclosure forward L H					1
K3L-2	Bearing - Fafnir Bearing Co., New Britain, Conn.)					4
61-32015	Release Assembly - Emergency hatch					2
VS140-063-06	Pin					2
63-32122	Eye - Emergency hatch release mechanism					2
63-32123	Link - Emergency hatch release mechanism					2
63-32126	Lock - Emergency hatch release					2
63-32127	Pin - Emergency hatch release lower latch					2
63-32129	Cover - Emergency hatch release mechanism					2
63-32133	Handle - Emergency hatch release actuating					2

(Part List No. 3083)

63-32134	Housing - Emergency hatch release mechanism					2
63-32135	Rod - Emergency hatch release upper latch					2
63-32136	Spring - Emergency hatch release lock retaining					2
61-32012	Latch Assembly - Cockpit enclosure L H					1
61-32012-1	Latch Assembly - Cockpit enclosure R H					1
61-32108	Pin - Cockpit enclosure latch					2
63-32205	Fitting - Cockpit enclosure latch lower L H					1
63-32205-1	Fitting - Cockpit enclosure latch lower R H					1
63-32210	Spring - Cockpit enclosure latch					2
61-32017	Cable Assembly - Cockpit enclosure latch					1
VS363-2	Terminal					2
63-32211	Handle - Cockpit enclosure latch inner					1
61-32135	Retainer Assembly - Sliding enclosure lower					2
61-32111	Retainer - Sliding enclosure lower					2
61-32109	Block - Front sliding enclosure corner					4
61-32113	Sheet - Sliding enclosure side transparent					2
61-32113-1	Sheet - Sliding enclosure side transparent					2
61-32123	Pin - Enclosure assembly front sliding safety					8
63-32116	Guard - Cockpit enclosure latch handle cable					2
63-32202-0	Handle - Cockpit enclosure latch outer					1

(Part List No. 3084)

63-32204	Fitting - Cockpit encl. latch upper					1
63-32206	Pulley - Cockpit encl. latch cable					3
63-32207	Plate - Cockpit encl. latch doubler					1
61-32003-18	Frame Assembly - Encl. fr. sliding riveted					1
61-32003-16	Sheet - Fr. sliding enclosure					1
61-32003-17	Sheet - Fr. sliding enclosure					1
VS21-8-8	Screw					4
VS21-10-14	Screw					6

(Continued)

SECTION IIBody
Installation - Cockpit Enclosures

(Part List No. 3084 Contd.)

Part No.	1	2	3	4	5	Qty Req.
VS21-10-13					Screw	4
VS22-8-13					Screw	2
VS22-10-9					Screw	2
VS110S11-103					Spacer	3
VS110D12-09					Spacer	2
VS501D-1					Gusset	8
61-32004					Enclosure Assembly - Rear fixed	1
61-32004-44					Fairing Assembly - Rear fixed enclosure spotwelded	1
VS501D-1					Gusset	6
61-32124					Bracket - Rear encl. rear sup. sta. 162-5/8 LH	1
61-32124-1					Bracket - Rear encl. rear sup. sta. 162-5/8 RH	1
61-32121					Gusset - Rear fixed encl. 101-1/2° corner	4

(Part List No. 3085

61-32120					Bracket - Fixed enclosure forward lower LH	1
61-32120-1					Bracket - Fixed enclosure forward lower RH	1
61-32101					Installation - Windshield	1
61-32102					Glass - Windshield front curved	1
61-32103					Glass - Windshield side LH	1
61-32103-1					Glass - Windshield side RH	1
61-32104					Block - Windshield upper corner LH	1
61-32104-1					Block - Windshield upper corner RH	1
61-32105					Rod - Windshield tie	2
61-32106					Trunnion - Windshield tie rod	2
VS21-10-8					Screw	4
61-32301					Installation - Cockpit enclosure tracks	1
61-32302					Track - Cockpit enclosure front LH	1
61-32302-1					Track - Cockpit enclosure front RH	1
61-32303					Track - Cockpit enclosure rear LH	1
61-32303-1					Track - Cockpit enclosure rear RH	1
61-32310					Bracket Assembly - Canopy hold down center LH	1
61-32310-1					Bracket Assembly - Canopy hold down center RH	1
61-32311					Bracket Assembly - Canopy hold down forward LH	1
61-32311-1					Bracket Assembly - Canopy hold down forward RH	1
61-32312					Bracket Assembly - Canopy hold down aft	2
VS22-8-8					Screw	24
61-95237					Support Assembly - Antenna lead-in insulating	1

Installation - Engine and Accessories Control Fuselage Section

(Part List No. 3086)

61-59101					Installation - Engine and accessories control fuselage section	1
61-58024					Housing Assembly - Oil cooler operating unit gear	1
61-58023					Shaft Assembly - Oil cooler scoop gear box control unit operating	1
61-58125					Shaft - Oil cooler scoop gear box control unit operating	1
61-58123					Shaft - Oil cooler operating unit follower gear	1

(Continued)

SECTION II

Body

Installation - Engine and Accessories Control Fuselage Section

(Part List No. 3086 Contd.)

Part No.	1	2	3	4	5	Qty. Req.
61-58124					Gear - Oil cooler operating unit follower	1
61-58126					Plate - Oil cooler operating unit	1
61-58127					Plate - Oil cooler operating unit name	1
61-58128					Plate - Oil cooler operating unit cover	1
61-58129					Gasket - Oil cooler operating unit cover	1
61-58132					Arm - Oil cooler operating unit	1
61-58133					Housing - Oil cooler operating unit gear	1
61-58151					Handle - Oil cooler scoop actuating gear box	1
63-72103					Pin - Flap control gear hand crank bearing	1
VS110S54-025					Spacer	1
VS80LP-14-33-047					Spacer	1
VS80P-14-33-050					Spacer	1
VS80-10-33-094					Washer	1
VS19-10-104					Screw	1
VS140-125-030					Pin	1

(Part List No. 3087)

VS110S54-020	Spacer	1
VS80LP-14-33-031	Washer	1
61-58025	Box Assembly - Oil cooler scoop actuating gear	1
61-58135	Retainer - Oil cooler scoop actuating gear box bearing	1
61-58136	Gear - Oil cooler scoop actuating mechanism worm	1
61-58137	Worm - Oil cooler scoop actuating mechanism	1
61-58138	Cover - Oil cooler scoop actuating gear box	1
61-58139	Housing - Oil cooler scoop actuating gear box	1
61-58140	Gasket - Oil cooler scoop actuating gear box	1
61-58141	Shim - Oil cooler scoop actuating gear box forward	1
61-58150	Stud - Oil cooler scoop actuating gear box housing	3
61-58155	Bearing - Oil cooler scoop actuating gear box	1
61-59128	Shaft - Oil cooler scoop actuating gear box	1
61-59221	Stop Assembly - Oil cooler scoop actuating lever	1
VS80L-18-49-062	Washer	1
VS80L-16-41-094	Washer	1
61-59010	Quadrant Assembly - Supercharger and carburetor air control	1
61-59011	Lever Assembly - Supercharger control quadrant	1
61-59012	Lever Assembly - Carburetor air control quadrant	1

(Part List No. 3088)

61-59103	Cover - Supercharger and carburetor air control quadrant	2
61-59104	Plate Assembly - Supercharger and carburetor air control quadrant cover	1
VS110S11-124	Spacer	4
VS121S68-131	Spacer	1
VS80-12-24-35	Washer	2
VS80-14-24-125	Washer	1
VS80-14-16-62	Washer	2
61-59026	Bellcrank Assembly - Throttle control idler	1
61-59029	Tube Assembly - Oil cooler scoop actuating torque	1
61-59036	Support - Throttle controls bellcrank	1
61-59116	Fairlead - Engine controls firewall	1
61-59205	Fairlead - Firewall throttle control	1
61-59208	Fairlead - Engine controls fuselage	1

(Continued)

SECTION II

Body
Installation - Engine and Accessories Control Fuselage Section

(Part List No. 3088 Contd.)

Part No.	1 2 3 4 5	Qty. Req.
61-59215	Quadrant Assembly - Engine control cockpit	1
VS325-4708	Rod Assembly	1
VS325-4805	Rod Assembly	1
VS325-6200	Rod Assembly	1
VS325-5707	Rod Assembly	1
VS325-4602	Rod Assembly	1
VS83	Washer	6
VS291-2-.012	Pin	2

Installation - Fuselage Fuel System

(Part List No. 3089)

61-64101	Installation - Fuselage fuel system	1
61-63010-12	Line - Oil system	1
61-63010-13	Line - Oil system	1
61-64004	Dial & Handle Assembly - Fuel cock control	1
61-64149-2	Decalcomania - Fuel system	1
61-64149-3	Decalcomania - Fuel system	1
61-64149-4	Decalcomania - Fuel system	1
61-64149-5	Decalcomania - Fuel system	1
61-64017-10	Line Assembly - Fuselage fuel system	1
61-64017-12	Line Assembly - Fuselage fuel system	1
61-64017-13	Line Assembly - Fuselage fuel system	1
61-64017-14	Line Assembly - Fuselage fuel system	1
61-64017-15	Line Assembly - Fuselage fuel system	1
61-64017-16	Line Assembly - Fuselage fuel system	1
61-64017-17	Line Assembly - Fuselage fuel system	1
61-64017-18	Line Assembly - Fuselage fuel system	1
61-64017-19	Line Assembly - Fuselage fuel system	1
61-64017-20	Line Assembly - Fuselage fuel system	1
61-64017-21	Line Assembly - Fuselage fuel system	1
61-64017-22	Line Assembly - Fuselage fuel system	1

(Part List No. 3090)

61-64019	Tube Assembly - Fuel cock control torque	1
61-64134	Adapter - Fuel cock control yoke driver	1
VS290-20-6	Pin - Taper	6
61-64023	Link Assembly - Hand fuel pump jack shaft operating	1
VS325-1	Rod	1
REB3N-2	Bearing - (Federal Bearing Co., Poughkeepsie, N. Y.)	1
61-64127	Spring - Hand fuel pump handle stowing	1
61-64153	Clip - Fuel tank vent line attaching	2
VS12-16	Bolt	2
VS149-12	Clip	1
VS149-18	Clip	1
VS149-20	Clip	3
VS149-22	Clip	1
VS149-26	Clip	1

(Continued)

SECTION II

Body

Installation - Fuselage Fuel System

(Part List No. 3090 Contd.)

Part No.	1	2	3	4	5	Qty. Req.
VS290-20-6					Pin - Taper	1
GT4					Clamp - (Wittek Mfg. Co., Chicago, Ill.)	18
GT9					Clamp - (Wittek Mfg. Co., Chicago, Ill.)	16
GT-15					Clamp - (Wittek Mfg. Co., Chicago, Ill.)	4
755-4-2-6					Clip - (Adel Precision Products, Burbank, California)	3
755-4-2-8					Clip - (Adel Precision Products, Burbank, California)	5

(Part List No. 3091).

755-10-2-8	Clip - (Adel Precision Products, Burbank, California)	20
755-14-2-8	Clip - (Adel Precision Products, Burbank, California)	1
755-16-2-8	Clip - (Adel Precision Products, Burbank, California)	1
755-18	Clip - (Adel Precision Products, Burbank, California)	1
3117-1B-4D	Coupling - (Parker Appliance Co., Cleveland, Ohio)	1
3117-1B-16D	Coupling - (Parker Appliance Co., Cleveland, Ohio)	1

Installation - Fuselage Section Hydraulic Line

(Part List No. 3092)

Part No.	Description	Qty.
61-82101	Installation - Fuselage section hydraulic line	1
61-82017-4	Line Assembly - Hydraulic system	1
61-82017-5	Line Assembly - Hydraulic system	1
61-82017-6	Line Assembly - Hydraulic system	1
61-82017-7	Line Assembly - Hydraulic system	1
61-82017-8	Line Assembly - Hydraulic system	1
61-82017-9	Line Assembly - Hydraulic system	1
61-82017-10	Line Assembly - Hydraulic system	1
61-82017-16	Line Assembly - Hydraulic system	1
61-82017-19	Line Assembly - Hydraulic system	1
61-82017-20	Line Assembly - Hydraulic system	1
61-82017-21	Line Assembly - Hydraulic system	1
61-82017-23	Line Assembly - Hydraulic system	1
61-82017-24	Line Assembly - Hydraulic system	1
61-82017-25	Line Assembly - Hydraulic system	1
61-82017-26	Line Assembly - Hydraulic system	1
61-82017-28	Line Assembly - Hydraulic system	1
61-82017-29	Line Assembly - Hydraulic system	1
61-82017-31	Line Assembly - Hydraulic system	1
61-82017-46	Line Assembly - Hydraulic system	1

(Part List No. 3093)

61-82017-47	Line Assembly - Hydraulic system	1
61-82017-49	Line Assembly - Hydraulic system	1
61-82017-50	Line Assembly - Hydraulic system	1
61-82017-51	Line Assembly - Hydraulic system	1

(Continued)

SECTION II

Body
Installation - Fuselage Section Hydraulic Line

(Part List No. 3093 Contd.)

<u>Part No.</u>	1 2 3 4 5	<u>Qty.</u> <u>Req.</u>
61-82024	Restrictor Assembly - Hydraulic pressure gauge	1
61-82024-2	Plug - Hydraulic pressure gauge	1
61-82024-3	Nipple - Hydraulic pressure gauge restrictor	1
61-82107	Support Assembly - Fuselage section hydraulic lines	2
61-82124	Elbow - Wing & cowl flap selector valve hydraulic restrictor	4
61-82131	Clamp Assembly - Hydraulic pressure accumulator attaching	1
61-82132	Bracket Assembly - Hydraulic pressure accumulator support	1
VS80L8-13-031	Washer	3
VS150BC1418	Clamp	1
#6-6-4JT-D	Tee - (Parker Appliance Co., Cleveland, Ohio)	3
#8-4-6-4	Cross - (Parker Appliance Co., Cleveland, Ohio)	1
#8-6CCCT-D	Elbow - (Parker Appliance Co., Cleveland, Ohio)	1
RRT-S-8-6-6	Fitting - (Parker Appliance Co., Cleveland, Ohio)	1
299-012	Gauge - Pressure (Kollsman Instrument Co., Elmhurst, N.Y.)	1
755-4-2-6	Clip - (Adel Precision Products, Burbank, California)	9
755-6-2-6	Clip - (Adel Precision Products, Burbank, California)	11

(Part List No. 3094)

755-6-2-8	Clip - (Adel Precision Products, Burbank, California)	1
755-8-2-6	Clip - (Adel Precision Products, Burbank, California)	1
755-8-2-8	Clip - (Adel Precision Products, Burbank, California)	1
755-10-2-6	Clip - (Adel Precision Products, Burbank, California)	1
AA-14513	Valve - Unloading (Vickers Co., Detroit, Michigan)	1
31017	Valve - Relief (Aircraft Accessories Corp., Glendale, California)	1
34020	Valve - Check (Aircraft Accessories Corp., Glendale, California)	2
#40655	Accumulator - (Aircraft Precision Products) Los Angeles, California)	1
62024C	Valve - Selector (Aircraft Accessories Corp., Glendale, California)	1
62024F	Valve - Selector (Aircraft Accessories Corp., Glendale, California)	1
62029	Valve - Selector (Aircraft Accessories Corp., Glendale, California)	1
65008-V	Pump - Hand (Aircraft Accessories Corp., Glendale, California)	1

Installation - Landing Gear Hydraulic Controls Fuselage Section

(Part List No. 3095)

61-82601	Installation - Landing gear hydraulic controls fuselage section	1
61-44026-5	Cable Assembly - Landing gear controls	2
61-44026-7	Cable Assembly - Landing gear controls	1
61-44026-13	Cable Assembly - Landing gear controls	1
61-44026-15	Cable Assembly - Landing gear controls	1
61-44127	Plate - Landing gear indicator name	1
61-64011	Handle Assembly - Hand fuel pump	1
61-64010	Lever Assembly - Hand fuel pump handle	1
61-64117	Knob O Hand fuel pump handle	1
61-64118	Handle - Hand fuel pump	1
61-71107	Wheel Assembly - Elevator trim tab control	1
61-71105	Wheel Assembly - Trim tab hand	1

(Continued)

SECTION II

Body

Installation - Landing Gear Hydraulic Controls Fuselage Section

(Part List No. 3095 Contd.)

Part No.	1	2	3	4	5	Qty. Req.
61-71105-2					Bushing - Elevator trim tab hand wheel	1
61-71108					Wheel Assembly - Aileron trim tab control	1
61-71106					Wheel Assembly - Aileron trim tab hand	1
61-71106-2					Bushing - Aileron trim tab hand wheel	1
61-82014					Control Assembly - Cowling and wing flap selector valve	1
61-82014-1					Control Assembly - Cowling and wing flap selector valve	1
61-82014-2					Control - Cowling and wing flap selector valve	1
61-82014-5					Pin - Cowling and wing flap selector valve	2

(Part List No. 3096)

61-82029					Handle - Wing flap control	1
61-82015					Rod Assembly - Wing flap selector valve connecting	1
61-82016					Rod Assembly - Cowling flap selector valve connecting	1
61-82016-4					Rod Assembly - Welded	1
61-82019					Lever Assembly - Pilot's hydraulic landing gear control	1
61-82020					Lever Assembly - Pilot's hydraulic landing gear control welded	1
61-82021					Handle Assembly - Pilot's hydraulic landing gear control knobbed	1
61-82021-4					Rod - Pilot's hydraulic landing gear control knobbed handle	1
61-82118					Spring - Landing gear hydraulic control handle	1
61-82120					Latch - Pilot's hydraulic landing gear lever thumb	1
61-82121					Quadrant - Pilot's hydraulic landing gear control	1
61-82122					Spring - Pilot's landing gear hydraulic control thumb latch	1
61-82133					Handle Assembly - Pilot's hydraulic landing gear control lever thumb	1

(Part List No. 3097)

61-82031					Plate Assembly - Hydraulic controls warning	1
61-82031-2					Plate - Hydraulic controls warning	1
61-78087					Plate - Hydraulic controls warning	1
61-82117					Plate - Cowl flap and wing flap name	1
VS23-11					Bolt	2
VS80-10-13-037					Washer	2
VS110D-14-19					Spacer	1
VS110D-24-09					Spacer	1
VS110S36-018					Spacer	1
VS120B-3-04					Bearing	1
VS149-24					Clip	2

Installation - Alighting Gear

(Part List No. 3098)

61-39001					Installation - Alighting gear	1
61-42001					Installation - Landing gear fairing (P. L. 3099-3101)	1

(Continued)

SECTION IIBody
Installation - Alighting Gear

(Part List No. 3098 Contd.)

Part No.	1	2	3	4	5	Qty. Req.
61-44001	Installation - Landing gear & retracting mechanism (P.L.3102-3107)					1
61-46001	Installation - Tail wheel (P.L.3108-3113)					1

Installation - Landing Gear Fairing

(Part List No. 3099)

61-42001	Installation - Landing gear fairing					1
61-42003	Fairing Assembly - Landing gear upper fixed LH					1
61-42003-1	Fairing Assembly - Landing gear upper fixed RH					1
61-42004	Door Assembly - Landing gear fairing upper LH					1
61-42004-1	Door Assembly - Landing gear fairing upper RH					1
61-42005	Door Assembly - Landing gear fairing lower LH					1
61-42005-1	Door Assembly - Landing gear fairing lower RH					1
61-42005-6	Block - Landing gear fairing lower LH					1
61-42005-7	Block - Landing gear fairing lower RH					1
61-42005-8	Block - Landing gear fairing lower LH					1
61-42005-9	Block - Landing gear fairing lower RH					1
61-42005-10	Block - Landing gear fairing lower LH					1
61-42005-11	Block - Landing gear fairing lower RH					1
61-42005-12	Lug - Landing gear fairing lower RH					1
61-42005-13	Lug - Landing gear fairing lower					2
61-42005-14	Doubler - Landing gear fairing lower LH					1
61-42005-15	Doubler - Landing gear fairing lower RH					1
61-42005-22	Reinforcement - Landing gear fairing lower					2
61-42005-23	Lug - Landing gear fairing lower LHH					1
VS21-10-10	Screw					4

(Part List No. 3100)

VS21-10-15	Screw	8
VS21-10-16	Screw	4
VS21-10-17	Screw	2
VS21-10-18	Screw	3
61-42014	Fairing Assembly - Landing gear lower fixed LH	1
61-42014-1	Fairing Assembly - Landing gear lower fixed RH	1
61-42017	Clevis Assembly - Landing gear upper fairing door	2
61-42018-6	Clamp Assembly - Landing gear upper fairing door LH	1
61-42018-7	Clamp Assembly - Landing gear upper fairing door RH	1
61-42018-8	Clamp Assembly - Landing gear upper fairing door LH	1
61-42018-9	Clamp Assembly - Landing gear upper fairing door RH	1
61-42035	Bolt - Landing gear fairing lower hinge	2
61-42102	Bracket - Landing gear fairing lower hinge	2
61-42119	Rod - Landing gear fairing door	4
61-42124	Bracket - Landing gear fairing attaching LH	1
61-42124-1	Bracket - Landing gear fairing attaching RH	1
61-43106	Clip - Landing gear shock absorber brake control	2
VS22-10-09	Screw	20
VS23-100	Bolt	8
VS80S-8-13-031	Washer	8

SECTION II

Body
Installation - Landing Gear Fairing

(Part List No. 3101)

Part No.	1	2	3	4	5	Qty. Req.
VS80-12-25-031					Washer	4
VS80-16-25-062					Washer	4
VS110S11-9					Spacer	8
VS110S24-430					Spacer	4
VS121S-57-101					Spacer	8
VS121SP-812-9					Bearing	4
#50733					Button - Plug (United-Carr Fastener Co., Cambridge, Mass.)	4

Installation - Landing Gear and Retracting Mechanism

(Part List No. 3102)

61-44001	Installation - Landing gear and retracting mechanism	1
61-40001	Gear Assembly - Shock structure wheel and brake landing LH	1
61-40001-1	Gear Assembly - Shock structure wheel and brake landing RH	1
61-40002	Chassis Assembly - Landing gear LH	1
61-40002-1	Chassis Assembly - Landing gear RH	1
61-40011	Knuckle Assembly - Landing gear shock absorber LH	1
61-40011-1	Knuckle Assembly - Landing gear shock absorber RH	1
61-40109	Lug - Landing gear tow	2
#11160	Collar - (A.P.P.I., Los Angeles, California)	2
#21151	Axle - (Same as above)	2
61-40102	Elbow - Landing gear pivot shaft retracting LH	1
61-40102-1	Elbow - Landing gear pivot shaft retracting RH	1
61-40110	Bolt - Landing gear shock absorber knuckle uplock	2
61-40015	Roller - Landing gear shock absorber knuckle uplock	2
61-42109	Plug - Landing gear fairing attaching	2
61-43102	Clip - Landing gear brake hose LH	1
61-43102-1	Clip - Landing gear brake hose RH	1
61-43103	Clip - Landing gear brake hose toggle	2
61-43109	Clip - Landing gear brake hose	2
VS121-BW-610-112	Spacer	2

(Part List No. 3103)

VS140-156-200	Pin	2
#51104	Structure Assembly - Landing gear shock absorber LH (A.P.P.I., Los Angeles, California.)	1
#51104-1	Structure Assembly - Landing gear shock absorber RH (Same as above)	1
61-43401	Installation - Landing gear shock absorber brake control LH	1
61-43401-1	Installation - Landing gear shock absorber brake control RH	1
61-43006	Clip Assembly - Landing gear brake line upper	2
61-43007	Clip Assembly - Landing gear brake	2
61-82022-1	Line Assembly - Landing gear hydraulic brake control RH	1
61-82022-2	Line Assembly - Landing gear hydraulic brake control LH	1
61-82022-5	Line Assembly - Landing gear hydraulic brake control RH	1
61-82022-6	Line Assembly - Landing gear hydraulic brake control LH	1
61-82116	Hose - Hydraulic brake control lower	2

(Continued)

SECTION II

Body
Installation - Landing Gear and Retracting Mechanism

(Part List No. 3103 Contd.)

<u>Part No.</u>	1	2	3	4	5	<u>Qty.</u> <u>Req.</u>
A-755-5-2-6					Clip - (Adel Prec. Prod. Co., Burbank, Calif.)	8
A-755-8-2-8					Clip - (Same as above)	4
#51897					Connector Assembly - Hydraulic brake cylinder inlet angular Bendix	2
#10482-2					Washer - Wheel bearing retaining A.P.P.I.	2
20481-2					Nut - (A.P.P.I., Los Angeles, California)	2
#56391					Wheel and Bearing Assembly - (Bendix Aviation Corp., South Bend., Ind.)	2
#57480					Brake Assembly - (Same as above)	2

(Part List No. 3104)

61-44003					Yoke Assembly - Landing gear retracting lock	2
A724-1					Bushing - (Oilite Division, Chrysler Corp., Detroit, Mich.)	2
61-44004					Rod Assembly - Landing gear retracting push and pull	2
#RBC-5					Bearing - (Roller Bearing Corp., Trenton, New Jersey)	4
61-44005					Lever Assembly - Landing gear retracting knuckle locking	2
61-44005-3					Bushing - Landing gear retracting knuckle locking lever	2
#1703					Fitting - (Alemite Corp., Chicago, Ill.)	2
61-44006					Knuckle Assembly - Landing gear retracting L H	1
61-44006-1					Knuckle Assembly - Landing gear retracting R H	1
61-44108					Bushing - Landing gear retracting knuckle	4
61-44106					Shaft - Landing gear retracting knuckle lock lever	2
61-44123					Knuckle - Landing gear retracting	2
#1703					Fitting - (Alemite Corp., Chicago, Ill.)	4
61-44007					Arm Assembly - Landing gear actuating cylinder support L H	1
61-44007-1					Arm Assembly - Landing gear actuating cylinder support R H	1
61-44118					Bushing - Landing gear actuating	4
61-44008					Cam Assembly - Landing gear retracting lock release L H	1
61-44008-1					Cam Assembly - Landing gear retracting lock release R H	1
#556					Bushing - (Durex Bearing, Moraine Products Division - General Motors Corp.)	2
61-44009					Arm Assembly - Landing gear pivot shaft down position L H	1

(Part List No. 3105)

61-44009-1					Arm Assembly - Landing gear pivot shaft down position R H	1
61-44108					Bushing - Landing gear retracting knuckle	2
#1703					Fitting - (Alemite Corp., Chicago, Ill.)	2
61-44014					Collar Assembly - Landing gear retracting knuckle support L H	1
61-44014-1					Collar Assembly - Landing gear retracting knuckle support R H	1
61-44032					Bearing assembly - Landing gear pivot shaft elbow rear	2
61-44139					Ring - Landing gear pivot shaft rear bearing	2
61-44140					Bearing - Landing gear pivot shaft elbow rear	2
61-44133					Bracket Assembly - Landing gear actuating mechanism release pulley L H	1
61-44133-1					Bracket Assembly - Landing gear actuating mechanism release pulley R H	1
VS110D14-010					Spacer	4
61-44147-2					Shim Assembly - Landing gear pivot shaft forward bearing	2
61-44147-3					Shim Assembly - Landing gear pivot shaft forward bearing	2
61-44149					Roller Assembly - Landing gear actuating locking lever	2
61-40104					Nut - Landing gear front pivot shaft locking	2

(Continued)

SECTION II

Body

Installation - Landing gear and Retracting Mechanism

(Part List No. 3105 Contd.)

Part No.	1	2	3	4	5	Qty. Req.
61-40105					Nut - Landing gear rear bearing pivot shaft locking	2
61-40106					Spacer - Landing gear elbow rear bearing sealing	2
61-40107					Washer - Landing gear elbow forward bearing thrust	2
61-44030					Spring - Landing gear retracting mechanism release	2

(Part List No. 3106)

61-44031					Arm - Landing gear retracting mechanism release spring	2
61-44033					Washer - Landing gear position indicator	2
61-44102					Cap - Landing gear pivot shaft forward bearing thrust LH	1
61-44102-1					Cap - Landing gear pivot shaft forward bearing thrust RH	1
61-44105					Lever - Landing gear retracting	2
61-44109					Spring - Landing gear retracting knuckle lock	4
61-44110					Plunger - Landing gear knuckle lock spring	4
61-44113					Shaft - Landing gear retracting knuckle support LH	1
61-44113-1					Shaft - Landing gear retracting knuckle support RH	1
61-44114					Arm - Landing gear cylinder retracting	2
61-44115					Link - Landing gear knuckle arm connecting front	2
61-44116					Link - Landing gear knuckle arm connecting rear	2
61-44117					Pin - Knuckle arm bushing	4
61-44119					Cap - Landing gear retracting link front	4
61-44120					Cap - Landing gear retracting link rear	4
61-44121					Shaft - Landing gear retracting lock	2
61-44125					Spacer - Landing gear retracting knuckle support shaft	2
61-44131					Toggle - Retracting mechanism release front LH	1
61-44131-1					Toggle - Retracting mechanism release front RH	1
61-44132					Toggle - Retracting mechanism release rear	2
61-44143					Washer - Landing gear pivot shaft arm forward	2
61-44144					Washer - Landing gear pivot shaft arm aft	2

(Part List No. 3107)

61-44148					Spacer - Landing gear locking lever roller	2
VS23-115					Bolt	2
VS80-8-21-062					Washer - Plain	2
VS80-12-22-016					Washer	2
VS80-14-33-078					Washer	2
VS80-16-49-064					Washer	4
VS80L-13-25-031					Washer	4
VS80L-16-29-031					Washer	4
VS80L-16-49-062					Washer	4
VS80L-28-80-031					Washer	As req.
VS80L-28-80-062					Washer	4
VS110S-46-16					Spacer	2
VS80-28-80-062					Spacer	8
VS121S-57-019					Spacer - Bearing	4
VS121S-67-028					Spacer - Bearing	2
No No.					Screw - Hex. Socket cap 5/16 x 24.2 (Allen Mfg. Co., Hartford, Conn.)	2
RBC70					Bearing - (Roller Bearing Co., Trenton, N.J.)	2

SECTION IIBody
Installation - Tail Wheel

(Part List No. 3108)

<u>Part No.</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>Qty.</u> <u>Req.</u>
61-46001	Installation - Tail wheel					1
61-46001-6	Strut Assembly - Tail wheel shock					1
#41175	Absorber Assembly - T.W. shock (A.P.P.I.)					1
#11171	Link Assembly - T.W. shock absorb. (A.P.P.I.)					2
AN9-16	Bolt - T.W. shock absorb. (A.P.P.I.)					2
AN310-9	Nut					2
AN380-4-4	Pin - Cotter					2
41168	Tube Assembly - T.W. shock absorb. (A.P.P.I.)					1
#7607	Valve Assembly - (Schrader, Brooklyn.)					1
20300-016						
C024-064	Washer (A.P.P.I.)					1
21178	Nut (A.P.P.I.)					1
10304-4-3AH	Bolt (A.P.P.I.)					1
AC995-C40-6	Wire - Locking					1
11181	Adapter - (A.P.P.I.)					1
11182	Stop (A.P.P.I.)					1
21173	Tube (A.P.P.I.)					1
21174	Cap (A.P.P.I.)					1
20312-050-210	Ring - Seal (A.P.P.I.)					1
21180-1	Orifice (A.P.P.I.)					1
21179-1	Bearing (A.P.P.I.)					1
AN380-2-2	Pin - Cotter					1
11026	Screw- Set (A.P.P.I.)					1
11621	Nut - Jam (A.P.P.I.)					1
20300-131F						
208-187	Washer (A.P.P.I.)					1
61-46030-1	Clamp Assembly - T.W. shock absorber					1
61-46030-6	Clamp Assembly - T.W. shock absorber					1
61-46177	Fairlead - Tail wheel strut					2
#1073	Valve - (Schrader Co., Brooklyn, N.Y.)					1
61-42101	Installation - Tail wheel fairing					1
61-46016	Fairing Assembly - Tail wheel post housing					1
61-46017	Fairing Assembly - Tail wheel lower rocker arm					1
61-46174	Fairing Assembly - Tail wheel knuckle					1
61-46020	Cam Assembly - Tail wheel upper rocker arm					1
#A-652	Bushings - (Chrysler Corp., Detroit, Mich.)					2
61-46110	Link - Tail wheel upper rocker arm lock cable					2
61-46136	Nut - Tail wheel knuckle					1
61-46137	Washer - Tail wheel retaining					1
61-46202	Gear Assembly - Tail wheel					1
61-46005	Link Assembly - Tail wheel post lower rocker					1
#1703	Fitting - (Alemite Corp., Chicago, Ill.)					2
61-46022	Post Assembly - Tail wheel					1
61-46007	Slide Assembly - Tail wheel centering					1
61-46007-2	Slide - Tail wheel centering					1
61-46007-3	Bushings - Tail wheel centering					1
61-46008	Housing Assembly - Tail wheel post					1
61-46104	Bearing - Tail wheel post upper					2
61-46105	Bearing - Tail wheel post lower					2

(Part List No. 3109)

61-46147	Fitting - Tail wheel post upper	2
#1641	Fitting - (Alemite Corp., Chicago, Ill.)	1
61-46009	Support Assembly - Tail wheel slide spring	1
VS120BW-5-08	Bushing	1

(Continued)

SECTION IIBody
Installation - Tail Wheel

(Part List No. 3109 Contd.)

Part No.	1	2	3	4	5	Qty. Req.
61-46011					Tube Assembly - Tail wheel centering outer	2
61-46012					Tube Assembly - Tail wheel centering spring inner	2
61-46119					Clevis - Tail wheel centering spring tube	2
61-46021					Knuckle Assembly - Tail wheel	1
61-46126					Knuckle Assembly - Welded tail wheel	1
61-46135					Stub - Tail wheel knuckle	1
61-46116					Spring - Tail wheel shear pin	1
61-46117					Pin - Tail wheel shear	1
61-46120					Spring - Tail wheel centering	2
61-46121					Bracket - Tail wheel centering spring R H	1
61-46123					Bracket - Tail wheel centering spring L H	1
61-46127					Washer - Tail wheel post bearing closure lower felt	1
61-46128					Washer - Tail wheel post bearing retainer upper felt	1
61-46129					Retainer - Tail wheel post bearing closure lower felt washer	2
61-46130					Retainer - Tail wheel post bearing retainer upper felt washer	1
61-46131					Ring - Tail wheel post bearing closure snap	1
61-46132					Washer - Tail wheel post bearing retaining	1

(Part List No. 3110)

61-46133	Nut - Tail wheel post	1
61-46134	Arm - Tail wheel steering	1
61-46146	Roller - Tail wheel slide	1
61-46159	Spacer - Tail wheel friction block	1
61-46161	Bearing Assembly - Tail wheel friction block	1
61-46160	Washer - Tail wheel friction block	1
61-46162	Shield - Tail wheel friction block	1
61-46163	Sleeve - Tail wheel post upper	1
61-46164	Bearing - Tail wheel post upper	1
VS80-8-13-062	Washer	2
VS80-10-13-050	Washer	2
VS80L-10-21-031	Washer	2
VS80-10-25-050	Washer	2
VS80-12-21-010	Washer	1
VS80L-12-21-020	Washer	4
VS80-12-21-062	Washer	1
VS80L-12-29-094	Washer	1
VS80-14-21-062	Washer	1
VS80-14-29-031	Washer	1
VS80L-14-29-031	Washer	1

(Part List No. 3111)

VS121S-57-18	Spacer	4
VS121S-710-32	Spacer	1
VS121S-710-35	Spacer	1
VS140-125-10	Pin	3
VS141-404-16	Key	2
No. 243116	Seal - (Chi. Rawhide Co.. Chicago. Ill.)	1
61-46144	Bolt - Tail wheel post housing lower link	1
61-46150	Spacer - Tail wheel shock structure link	1
61-46151	Bolt - Tail wheel upper	1
61-46169	Lock Assembly - Tail wheel retracting	1

(Continued)

SECTION IIBody
Installation - Tail Wheel

(Part List No. 3111 Contd.)

Part No.	1	2	3	4	5	Qty. Req.
61-46013					Bellcrank - Tail wheel upper rocker arm lock	1
61-46014					Link Assembly - Tail wheel post upper rocker aft	1
61-46004					Link - Tail wheel post upper rocker aft	1
61-46108					Pin - Tail wheel roller lock stop	1
61-46109					Cam - Tail wheel upper rocker arm roller	1
61-46111					Stop - Tail wheel upper rocker arm aft link	1
VS140-098-014					Pin	1
61-46015					Link Assembly - Tail wheel upper rocker forward	1
61-46003					Link Assembly - Tail wheel post upper rocker forward	1
61-46003-2					Link - Tail wheel post	1
VS120BW-10-016					Bearing	2
VS120BW8-016					Bearing	2
61-46029					Bracket Assembly - Tail wheel upper rocker arm roller	1

(Part List No. 3112)

61-46112					Stop - Tail wheel upper rocker arm forward link	1
61-46149					Shim - Tail wheel upper rocker arm forward stop laminated	2
VS80-8-13-094					Washer	1
#1703					Fitting - (Alemite Corp., Chicago, Ill.)	1
61-46106					Plunger - Tail wheel upper rocker arm lock	1
61-46107					Spring - Tail wheel upper rocker arm plunger	1
61-46145					Bearing Assembly - Bellcrank tail wheel	1
VS130BW-5-014					Bearing	1
61-46153					Spacer - Tail wheel retracting lock cam roller	1
61-46154					Roller Assembly - Tail wheel retractable lock cam	1
VS120BW-5-07					Bearing	1
VS21-10-14					Screw	1
VS80-10-13-062					Washer	1
VS80-12-13-062					Washer	1
VS80-14-33-062					Washer	2
VS80L-20-41-062					Washer	2
VS121S-56-29					Spacer	1
VS121S-1016-037					Spacer	2
VS80-14-33-062					Washer	1
VS80-16-41-062					Washer	1

(Part List No. 3113)

VS80L-16-49-062					Washer	2
VS80L-17-41-062					Washer	4
VS121SP-1016-047					Spacer	2
VS121SP-1220-248					Spacer	1
VS80-8-16-062					Washer	2
VS80-14-24-031					Washer	2
VS80L-14-33-047					Washer	8
VS80-16-40-062					Washer	1
VS121S-56-010					Spacer	1
VS121S-821-36					Spacer	1
VS121S-812-132					Spacer	4

SECTION IIFlight Controls
Installation - Fuselage Flight Controls

(Part List No. 3114)

Part No.	1	2	3	4	5	Qty. Req.
61-75101	Installation - Fuselage flight controls					1
61-43201	Installation - Parking brake					1
61-43003	Handle Assembly - Parking brake					1
61-43206	Handle - Parking brake setting					1
61-43005	Cable Assembly - Parking brake					1
VS361-2	Terminal					2
61-43202	Clamp - Parking brake clip support					2
61-43207	Clip - Parking brake support					2
61-43208	Guide - Parking brake					1
VS15N8-16	Screw					2
VS15S10-10	Screw					2
VS80-7-13-078	Washer					2
VS110S13-112	Spacer					1
VS110S24-025	Spacer					1
61-67001	Installation - Control stick & mechanism					1
61-67002	Socket Assembly - Stick & mechanism torque tube rear					1
61-67003	Stick Assembly - Pilot's flight control					1
61-75004	Clamp Assembly - Surface control lock					1
61-78010-1	Connector Assembly - Control stick & stick socket electrical					1
61-67005	Hub Assembly - Elevator bell crank unit					1

(Part List No. 3115)

61-67007	Support Assembly - Stick torque tube forward	1
61-67009	Support Assembly - Stick & mechanism front	1
61-67102	Socket Assembly - Flight control stick	1
61-67103	Bell crank - Elevator control sta. 150-1/4	1
61-67105	Plate - Control stick support bearing lock	1
61-68005-1	Cable Assembly - Elevator control upper RH	1
VS360-66	Terminal	1
VS361-6	Terminal	1
61-68005-3	Cable Assembly - Elevator control lower RH	1
VS360-66	Terminal	1
VS361-6	Terminal	1
61-68104	Link - Elevator bell crank cable	2
61-69005	Support - Aileron torque tube stop	2
63-67009	Support Assembly - Stick & mechanism lower rear	1
63-69103	Bell Crank Assembly - Center section aileron torque tube	1
VS12-11	Bolt	1
VS12-12	Bolt	1
VS12-15	Bolt	1
VS80-9-21-016	Washer	2
VS80D11-21-064	Washer	1

(Part List No. 3116)

VS80D-11-21-102	Washer	1
VS110-21-09	Spacer	1
VS110S21-12	Spacer	2
VS121S47-120	Spacer	1
61-68005-5	Cable Assembly - Elevator control inboard LH	1
VS360-66	Terminal	1
VS361-6	Terminal	1
61-68005-7	Cable Assembly - Elevator control outboard LH	1
VS360-66	Terminal	1
VS361-6	Terminal	1

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SECTION IIFlight Controls
Installation - Fuselage Flight Controls

(Part List No. 3116 Contd.)

Part No.	1	2	3	4	5	Qty. Req.
61-68105					Link - Elevator bell crank cable	2
61-70001					Installation - Rudder pedal & brake cylinder	1
61-70001-2					Pedal Assembly - Rudder LH	1
61-70001-3					Pedal Assembly - Rudder RH	1
61-70001-4					Arm Assembly - Rudder pedal riveted LH	1
61-70001-5					Arm Assembly - Rudder pedal riveted RH	1
61-70004					Arm Assembly - Pilot's rudder pedal master cylinder	2
VS120-4S-010					Bearing	1
63-70027					Plunger Assembly - Rudder pedal adjusting	2
63-70121					Plunger - Rudder pedal adjusting	2

(Part List No. 3117)

VS140-095-023					Rod - Drill	2
VS140-234-110					Rod - Drill	2
61-70102					Pedal - Brake & rudder control	2
63-70119					Lever - Rudder pedal adjusting	2
63-70120					Bumper - Pilot's rudder pedal arm	4
63-70130					Lug - Pilot's rudder pedal adjusting plate return spring	2
63-70131-1					Shaft - Brake cylinder operating	2
#3300-5					Cylinder - Master brake operating (Warner Aircraft Co., Detroit, Michigan)	2
VS110-S48-04					Spacer	2
VS110S64-22					Spacer	2
VS121-S58-18					Spacer	2
VS121S78-09					Spacer	2
VS141-406-114					Key	2
VS141-406-428					Key	2
VS314-612-316					Lead - Bonding	2
VS314-612-408					Lead - Bonding	2
61-70005					Arm Assembly - Rudder control sta. #258	1
61-70011					Hub Assembly - Rudder bell crank unit sta. #258	1
61-70006					Bar Assembly - Rudder cable locking	1
61-70007-1					Cable Assembly - Front rudder control	2

(Part List No. 3118)

VS360-44R					Terminal	2
VS361-4					Terminal	2
61-70008-1					Cable Assembly - Rudder bus control	2
VS361-4					Terminal	4
61-70009					Rod Assembly - Rudder control	1
61-70010					Tube - Rudder control	1
61-70015					Rod End - Rudder control	2
61-70016-1					Cable Assembly - Rear rudder control	1
VS360-44L					Terminal	1
VS362-4					Terminal	1
61-70016-3					Cable Assembly - Rear rudder control	1
VS360-44L					Terminal	1
VS362-4					Terminal	1
61-70018					Installation - Rudder cable fairlead sta. #179-27/32 RH	1
61-70019					Installation - Rudder cable fairlead sta. #179-27/32 LH	1
61-70139					Strip - Rudder cable rubbing	1
VS149-26					Clip	2
61-70201					Installation - Bell crank support rudder control sta. #258	1
61-71003					Unit Assembly - Rudder trim tab control	1

(Continued)

SECTION IIFlight Controls
Installation - Fuselage Flight Controls

(Part List No. 3118 Contd.)

Part No.	1	2	3	4	5	Qty. Req.
61-71111					Shaft - Rudder trim tab control	1
61-71112					Base Assembly - Rudder trim tab control	1
61-71113					Dial Assembly - Rudder trim tab control	1

(Part List No. 3119)

VS140-093-.012					Pin	1
61-71114					Drum - Rudder trim tab control	1
61-71115					Shaft - Rudder trim tab control	1
72-71024					Knob - Rudder trim tab	1
61-71116					Shaft - Rudder trim tab control lower	1
61-71009					Bearing Assembly - Rudder tab control	1
61-71016-1					Cable Assembly - Elevator tab forward control	1
VS360-2R					Terminal	2
61-71016-3					Cable Assembly - Elevator tab aft control	1
VS360-2L					Terminal	2
61-71016-5					Cable Assembly - Rudder tab forward control	1
VS360-2R					Terminal	2
61-71016-7					Cable Assembly - Rudder tab aft control	1
VS360-2L					Terminal	2
61-71016-9					Cable Assembly - Aileron tab inboard controls	1
VS360-2R					Terminal	2
61-71018					Bracket Assembly - Rudder tab pulley sta. #181	2
61-71122					Block - Rudder tab pulley bracket sta. #181 stop	4
VS15N-8-11					Screw - Button head	4
VS110D14-010					Spacer	2

(Part List No. 3120)

61-71120					Stop - Tab cable	6
61-71301-8					Installation - Elevator trim tab controls	1
61-71010-1					Unit Assembly - Trim tab control	2
61-71004-1					Shaft Assembly - Trim tab control	2
61-71004-4					Shaft - Trim tab control	2
VS140-120-12					Rod - Drill	2
61-71006					Cover Assembly - Trim tab control unit	2
61-71102					Spacer - Trim tab control unit	2
63-71108					Drum - Trim tab control rudder & elevator	2
61-71119					Housing Assembly - Trim tab control drum	2
61-71202					Universal - Trim tab control	2
61-75201					Installation - Surface control lock	1
61-75003					Lock Assembly - Surface control stick	1
61-75003-6					Lock Assembly - Surface control stick welded	1
61-75103					Plate - Surface control lock name	1
61-75005					Rod Assembly - Surface control lock	1
61-75204					Fairlead - Surface controls lock	1
61-75205					Lever - Surface controls lock	1
61-75206					Spring - Surface controls lock	1
63-75203					Spring - Surface controls lock stowing	2

SECTION IIFlight Controls
Installation - Fuselage Flight Controls

(Part List No. 3121)

<u>Part No.</u>	1	2	3	4	5	<u>Qty.</u> <u>Req.</u>
VS110S-11-29					Spacer	2
VS110S-11-10					Spacer	2
61-71121					Block - Elev. tab pulley brkt. filler sta. 170	2
63-70003					Bracket Assembly - Fus. rudder cable pulley	2
VS110D14-16					Spacer	4
63-70142					Link - Rudder cable	3
VS33-B7					Bolt	3
VS80-9-21-016					Washer	4
VS110D-11-03					Spacer	4
VS110D-11-07					Spacer	2
VS110D-11-09					Spacer	1
VS121S-68-116					Spacer	2
VS149-16					Clip	2

SECTION IIPower Plant
Installation - Demountable Power Plant

(Part List No. 3122)

Part No.	1	2	3	4	5	Qty. Req.
61-56001	Installation - Demountable power plant					1
61-56001-2	Power Plant Assembly - Demountable					1
61-33002	Mount Assembly - Engine					1
61-58201	Installation - Oil cooler scoop operating shaft support					1
#F1010	Bushing - (Chrysler Corp., Detroit, Michigan)					2
61-33102	Fitting - Engine mount upper					2
61-33104	Fitting - Engine mount lower LH					1
61-33104-1	Fitting - Engine mount lower RH					1
61-33105	Lug - Engine mount					1
VS129	Lug Assembly - Engine mount					7
79HA17-02	Nut Plate - (Elastic Stop Nut Corp., Elizabeth, N.J.)					7
61-34002	Installation - Fixed cowling section (P.L. 3133-3138)					1
61-34003-1	Ring Assembly - Inner					1
VS89	Doubler - (Dzus Fastener Co., Babylon, N.Y.)					4
100F	Spring - (Same as above)					4
61-34003-2	Ring Assembly - Inner					1
61-34017	Support Assembly - Anti-drag ring flap control secondary					1
F-1204	Bearing - (Chrysler Corp., Amplex Division, Detroit, Mich.)					2
61-34049	Support Assembly - Anti-drag flap control					1
61-34153	Bearing - Anti-drag ring flap control support					2
61-34165	Support - Cowling flap hydraulic cylinder					1

(Part List No. 3123)

61-34183	Block - Inner ring hydraulic cylinder supporting	1
61-34186	Spacer - Inner ring hydraulic cylinder support	1
VS80	Washer - Plain	9
VS85	Doubler - (Dzus Fastener Co., Babylon, N.Y.)	5
79HA1-02	Nut Plate - (Elastic Stop Nut Corp., Elizabeth, N.J.)	18
#1375	Spring - (Dzus Fastener Co., Babylon, N.Y.)	5
61-34003-3	Ring Assembly - Inner	1
61-06052	Bracket Assembly - Wheel well nose rib attaching	1
61-06052-3	Channel - Wheel well nose rib attaching gang (Elastic Stop Nut Corp., Elizabeth, N.J.)	1
61-34049	Support Assembly - Anti-drag ring control	4
61-34153	Bearing - Anti-drag ring flap control support	8
VS80	Washer - Plain	12
79HA1-02	Nut Plate - (Elastic Stop Nut Corp., Elizabeth, N.J.)	7
61-34003-4	Ring Assembly - Inner	1
61-34049	Support Assembly - Anti-drag ring flap control	3
61-34153	Bearing - Anti-drag ring flap control support	6
VS80	Washer - Plain	9
VS85	Doubler - (Dzus Fastener Co., Babylon, N.Y.)	6
79HA1-02	Nut Plate - (Elastic Stop Nut Corp., Elizabeth, N.J.)	9
79HA17-02	Nut Plate - (Same as above)	1

(Part List No. 3124)

#1375	Spring - (Dzus Fastener Co., Babylon, N.Y.)	6
61-34003-5	Ring Assembly - Inner	1
61-34049	Support Assembly - Anti-drag ring flap control	4
61-34153	Bearing - Anti-drag ring flap control support	8
61-59131	Fairlead - Carburetor air control	1
VS80	Washer - Plain	12
VS85	Doubler - (Dzus Fastener Co., Babylon, N.Y.)	7
#1375	Spring - (Same as above)	8
79A1HS-02	Nut Plate - (Elastic Stop Nut Corp., Elizabeth, N.J.)	10
79A5HS-02	Nut Plate - (Elastic Stop Nut Corp., Elizabeth, N.J.)	3

(Continued)

SECTION IIPower Plant
Installation - Demountable Power Plant

(Part List No. 3124 Contd.)

Part No.	1	2	3	4	5	Qty. Req.
22A12-02-BC100					Nut - Plate (Same as above)	2
61-34006					Diaphragm Assembly - Engine accessory cowling	1
79A1HS-82					Nut - Plate (Elastic Stop Nut Corp., Elizabeth, N.J.)	3
61-34016-2					Muff Assembly - Inner cowling	1
61-34016-3					Muff Assembly - Inner cowling	1
61-34016-23					Muff Assembly - Inner cowling	1
79A5HS-02					Nut - Stop (Elastic Stop Nut Corp., Elizabeth, N.J.)	8
61-34016-26					Muff Assembly - Inner ring	1
79A1HS-02					Nut - Stop (Elastic Stop Nut Corp., Elizabeth, N.J.)	4
61-34016-31					Muff Assembly - Inner cowling	1

(Part List No. 3125)

79A5HS-02					Nut - Stop (Elastic Stop Nut Corp., Elizabeth, N.J.)	8
61-56003					Baffle Assembly - No. 1 cylinder head	1
61-56004					Pad Assembly - No. 1 cylinder head baffle LH	1
61-56004-1					Pad Assembly - No. 1 cylinder head baffle RH	1
61-56102					Baffle - No. 1 cylinder head	1
61-56007					Installation - Engine breather lines	1
61-56005					Line Assembly - Engine crankcase breather	1
#755-10-4-8					Clip - (Adel Precision Products Corp., Burbank, Calif.)	2
#755-16-4-8					Clip - (Adel Precision Products Corp., Burbank, Calif.)	2
GT-7					Clamp - (Wittek Mfg. Co., Chicago, Ill.)	2
GT-9					Clamp - (Wittek Mfg. Co., Chicago, Ill.)	6
GT-15					Clamp - (Same as above)	4
61-56008					Bracket Assembly - Starter support	1
61-56101					Installation - Magneto blast tubes	1
61-58027					Support Assembly - Magneto blast tube LH front	1
B08888					Support Assembly - Magneto blast tube RH front	1
VS121D-47-018					Spacer - Bearing	2
#755-16-4-8					Clip - (Adel Precision Products Corp., Burbank, Calif.)	2
61-58003					Ring Assembly - Exhaust collector	1
61-58004					Pipe Assembly - Exhaust collector tail	1

(Part List No. 3126)

A10686					Bracket Assembly - Exhaust collector ring	2
VS340-1					Lug Assembly - Collector ring	2
61-58030					Clamp Assembly - Exhaust collector ring top	2
A10686					Bracket Assembly - Exhaust collector ring	5
61-58157					Clamp Assembly - Exhaust collector ring two lug	1
61-58158-1					Clamp Assembly - Exhaust collector ring three lug	2
61-58158-2					Clamp Assembly - Exhaust collector ring three lug	1
VS340-1					Lug Assembly - Collector ring	12
61-58029-1					Adapter Assembly - Exhaust collector ring	7
VS340-2					Lug Assembly - Collector ring	1
61-58029-2					Adapter Assembly - Exhaust collector ring	1
VS340-2					Lug Assembly - Collector ring	1
61-58101					Installation - Carb. air induction system (P.L. 3145-3147)	1
61-59201					Installation - Eng. sec. engine & accessories (P.L. 3148-3150)	1
61-60002					Installation - Propeller (P.L. 3151)	1
61-61001					Installation - Eng. sec. starting system	1
61-61006					Support Assembly - Starter extension shaft	1
VS120BW-18-016					Bearing - Plain press fit	2

SECTION IIPower Plant
Installation - Demountable Power Plant

(Part List No. 3127)

<u>Part No.</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>Qty.</u> <u>Req.</u>
VS150-128					Clamp - Tube	1
VS150A-176					Clamp - Tube	1
VS150A-1210					Clamp - Tube	1
61-61008-1					Line - Eng. sec. starting system	1
61-61008-2					Line - Eng. sec. starting system	1
61-61010					Shaft Assembly - Starter extension	1
VS14OP250-108					Rod - Drill	1
VS14OP312-108					Rod - Drill	1
VS330C1926					Extension Assembly - Starting crank	1
VS150AC124					Clamp - Tube	2
#755-4-2-6					Clamp - (Adel Prec. Prod. Corp., Burbank, Calif.)	2
GT-2					Clamp - (Witteck Mfg. Co., Chicago, Illinois)	2
61-63001					Installation - Oil system (P.L. 3152-3155)	Ref.
61-64201					Installation - Eng. sec. fuel system (P.L. 3156)	Ref.
61-66201					Installation - Eng. sec. instrument (P.L. 3162-3163)	Ref.
61-77201-1					Installation - Eng. sec. heating & vent. system (P.L. 3170)	Ref.
61-78201					Installation - Eng. sec. electrical (P.L. 3193-3197)	Ref.
61-82801					Installation - Eng. sec. hydraulic lines (P.L. 3157-3158)	Ref.
B08452					Bracket Assembly - Power plant collector ring attaching	6

(Part List No. 3128)

B11148	Connector - Exhaust collector ring	14
A08242	Lug - Exhaust collector ring connector	14
61-56103	Baffle - No. 13 cylinder head	1
61-56104	Baffle - No. 4 cylinder head	1
61-56105	Baffle - No. 2 & No. 14 cylinder head LE	1
61-56105-1	Baffle - No. 2 & No. 14 cylinder head RH	1
61-56106	Baffle - No. 1 cylinder head lower	1
VS22-10-6	Screw - 100° recessed head	2
VS80-20-23-050	Washer - Plain	2
VS80M-19-41-062	Washer - Plain	2
VS80M-21-49-094	Washer - Plain	2
VS131-5-6	Cushion - Engine mount	16
VS132-25	Spacer - Engine mount cushion	8
VS133-2	Washer - Engine mount	16
VS133-25	Washer - Engine mount	8
AN10-17	Bolt	2
AN12-21	Bolt	2
AN310-10	Nut	2
AN310-12	Nut	2
AN380-4-6	Pin - Cotter	4
Mod.R-1830-S3C4G	Engine - Pratt & Whitney (Pratt & Whitney Corp., Hartford, Conn.)	1
PESCO 206EB	Pump - Comb vacuum & hydraulic (Pesco, Cleveland, Ohio)	1
61-34001	Installation - Cowling complete (P.L. 3129-3133)	1

SECTION IIPower Plant
Installation - Cowling Complete

(Part List No. 3129)

<u>Part No.</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>Qty.</u> <u>Req.</u>
61-34001	Installation - Cowling complete					1
61-34028	Panel Assembly - Engine access cowling RH					1
FA6-1/2-45	Button - (Dzus Fastener Co., Babylon, N.Y.)					12
FA6-1/2-55	Button - (Dzus Fastener Co., Babylon, N.Y.)					7
GF6-1/2-250	Grommet - (Dzus Fastener Co., Babylon, N.Y.)					19
61-34029	Panel Assembly - Engine accessory cowling					1
FA35	Fastener - (Dzus Fastener Co., Babylon, N.Y.)					1
AFA35	Fastener - (Dzus Fastener Co., Babylon, N.Y.)					4
FA46	Button - (Dzus Fastener Co., Babylon, N.Y.)					19
FA56	Button - (Dzus Fastener Co., Babylon, N.Y.)					3
#100F	Spring - (Dzus Fastener Co., Babylon, N.Y.)					1
#375	Grommet - (Dzus Fastener Co., Babylon, N.Y.)					5
#502	Grommet - (Dzus Fastener Co., Babylon, N.Y.)					22
61-34030	Panel Assembly - Engine accessory cowling RH lower					1
FA6-1/2-45	Fastener - (Dzus Fastener Co., Babylon, N.Y.)					10
FA6-1/2-55	Fastener - (Dzus Fastener Co., Babylon, N.Y.)					8
GF6-1/2-250	Grommet - (Dzus Fastener Co., Babylon, N.Y.)					18
61-34031	Panel Assembly - Engine access cowling LH					1
FA46	Fastener - (Dzus Fastener Co., Babylon, N.Y.)					12
FA56	Fastener - (Dzus Fastener Co., Babylon, N.Y.)					7

(Part List No. 3130)

#502	Grommet - (Dzus Fastener Co., Babylon, N.Y.)	19
61-34032	Panel Assembly - Anti-drag ring cowling side LH	1
FA35	Fastener - (Dzus Fastener Co., Babylon, N.Y.)	9
FA46	Fastener - (Same as above)	23
FA56	Fastener - (Same as above)	2
#502	Grommet - (Same as above)	32
#375	Grommet - (Same as above)	9
61-34033	Panel Assembly - Anti-drag ring cowling RH	1
FA5-40	Fastener - (Dzus Fastener Co., Babylon, N.Y.)	3
FA46	Fastener - (Same as above)	30
FA56	Fastener - (Same as above)	2
#502	Grommet - (Same as above)	32
GF5-175	Grommet - (Same as above)	3
61-34034	Panel Assembly - Anti-drag ring cowling support	1
61-34041	Channel Assembly - Anti-drag ring cowling outer blast tube seal LH	1
61-34041-1	Channel Assembly - Anti-drag ring cowling outer blast tube seal RH	1
61-34044	Pad Assembly - Anti-drag ring cowling outer blast tube	2
AFA-35	Fastener - (Dzus Fastener Co., Babylon, N.Y.)	6
FA46	Fastener - (Same as above)	23

(Part List No. 3131)

FA56	Fastener - (Dzus Fastener Co., Babylon, N.Y.)	6
#502	Grommet - (Dzus Fastener Co., Babylon, N.Y.)	15
#375	Grommet - (Same as above)	6
61-34035	Panel Assembly - Anti-drag ring cowling bottom	1
FA46	Fastener - (Dzus Fastener Co., Babylon, N.Y.)	32
FA56	Fastener - (Dzus Fastener Co., Babylon, N.Y.)	2
#502	Grommet - (Same as above)	34
61-34060	Support Assembly - Rear cowling top	1
61-34191	Doubler - Recognition device blast tube	1

(Continued)

SECTION IIPower Plant
Installation - Cowling Complete

(Part List No. 3131 Contd.)

Part No.	1	2	3	4	5	Qty. Req.
VS21-8-8					Screw - 100° recessed	4
VS80-5-8-020					Washer	16
VS85					Doubler - (Dzus Fastener Co., Babylon, N.Y.)	10
VS82					Washer	24
#1375					Spring - (Dzus Fastener Co., Babylon, N.Y.)	12
61-34158					Support Assembly - Rear cowling lower LH	1
VS80-5-8-020					Washer - Plain	22
VS85					Doubler - (Dzus Fastener Co., Babylon, N.Y.)	10
#1375					Spring - (Same as above)	12
61-34156-4					Support Assembly - Rear cowling	1
VS80-5-8					Washer - Plain	42
VS82					Washer - Special	24
VS85					Doubler - (Dzus Fastener Co., Babylon, N.Y.)	10
S6-425					Spring - (Same as above)	12

(Part List No. 3132)

VS82					Washer - Special	12
VS85					Doubler - (Dzus Fastener Co., Babylon, N.Y.)	5
#1375					Spring - (Dzus Fastener Co., Babylon, N.Y.)	6
61-34159					Support Assembly - Rear cowling lower RH	1
VS80-5-8-020					Washer - Plain	34
VS82					Washer - Special	12
VS85					Doubler - (Dzus Fastener Co., Babylon, N.Y.)	5
#1375					Spring - (Dzus Fastener Co., Babylon, N.Y.)	6
61-34190					Support Assembly - Rear cowling, LH	1
VS80-5-8-020					Washer - Plain	8
VS82					Washer - Special	20
VS85					Doubler - (Dzus Fastener Co., Babylon, N.Y.)	10
#1375					Spring - (Dzus Fastener Co., Babylon, N.Y.)	10
61-34192					Plate - Accessory cowling rubbing upper RH	1
61-34193					Plate - Accessory cowling rubbing upper LH	1
61-34194					Plate - Access cowling rubbing RH	1

Installation - Fixed Cowl Sections

(Part List No. 3133)

61-34002					Installation - Fixed cowl sections	1
61-34005					Note Assembly - Engine cowling	1
61-34047					Channel Assembly - Anti-drag nose cowl lower support LH	1
VS82					Washer - Special	18
VS85					Doubler - (Dzus Fastener Co., Babylon, N.Y.)	9
#1375					Spring - (Dzus Fastener Co., Babylon, N.Y.)	9
61-34048					Channel Assembly - Anti-drag nose cowl upper support	1
VS80-5-8-020					Washer - Plain	8
VS82					Washer - Special	18
VS85					Doubler - (Dzus Fastener Co., Babylon, N.Y.)	9
VSD1010					Spring - (Dzus Fastener Co., Babylon, N.Y.)	9
#1375					Spring - (Dzus Fastener Co., Babylon, N.Y.)	9
61-34058					Channel Assembly - Anti-drag nose cowl support	1
VS82					Washer - Special	18
VS85					Doubler - (Dzus Fastener Co., Babylon, N.Y.)	9
#1375					Spring - (Dzus Fastener Co., Babylon, N.Y.)	9
61-34145					Skin Assembly - Anti-drag ring lower nose LH	1

SECTION IIPower Plant
Installation - Fixed Cowl Sections

(Part List No. 3133 Contd.)

<u>Part No.</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>Qty.</u> <u>Req.</u>
61-34155					Connector - Nose cowling lower section	1
61-34150					Section - Anti-drag ring upper nose	1
61-34188					Skin Assembly - Anti-drag ring lower nose RH	1

(Part List No. 3134)

61-34155					Connector - Nose cowling lower section	1
61-34104					Bracker - Anti-drag ring cowl support	12
61-34146					Reinforcement - Nose cowl rib	12
61-34147					Former - Cowling nose rib lower LH	7
61-34147-1					Former - Cowling nose rib lower RH	1
61-34148					Former - Cowling nose rib upper LH	1
61-34149					Former - Cowling nose rib top LH	1
61-34154					Connector - Nose cowling upper section LH	1
61-34154-1					Connector - Nose cowling upper section RH	1
61-34155					Connector - Nose cowling lower section	1
61-34157					Former - Cowling nose rib top RH	1
61-34187					Former - Cowling nose rib upper RH	1
61-87106					Cover - Synchronized gun blast tube fairing LH	1
61-87106-1					Cover - Synchronized gun blast tube fairing RH	1
61-87108					Channel - Synchronized gun blast tube adjust fairing outboard support LH	1
61-87108-1					Channel - Synchronized gun blast tube adjust fairing outboard support RH	1
61-87136					Channel - Synchronized gun blast tube adjustment fairing inboard support LH	1
61-87136-1					Channel - Synchronized gun blast tube adjustment fairing inboard support RH	1
61-34009					Bushing Assembly - Cowl support	18
VS120S-6-112					Bearing - Plain	1

(Part List No. 3135)

#J1246-3					Bushing - (Lord Mfg. Co., Erie, Pa.)	1
61-34011-1					Support Assembly - Cowl flap	1
61-34013					Bracket Assembly - Cowl flap support LH	1
61-34014					Bracket Assembly - Cowl flap support RH	1
61-34015					Yoke Assembly - Cowl flap support	1
100F					Spring - (Dzus Fastener Co., Babylon, N.Y.)	6
VS82					Washer - Special	12
VS89					Doubler - (Dzus Fastener Co., Babylon, N.Y.)	6
61-34103					Bracket - Flap support ring	6
61-34107					Hinge - Engine cowl flap attaching LH	12
61-34107-1					Hinge - Engine cowl flap attaching RH	12
VS80-5-8-020					Washer	8
VS82					Washer	32
VS85					Doubler - (Dzus Fastener Co., Babylon, N.Y.)	16
22A502					Nut Plate (Elastic Stop Nut Corp., Elizabeth, N.J.)	12
22A1402					Nut Plate (Elastic Stop Nut Corp., Elizabeth, N.J.)	4
S6-425					Spring - (Elastic Stop Nut Corp., Elizabeth, N.J.)	16
61-34011-2					Support Assembly - Cowl flap	1
61-34013					Bracket Assembly - Cowl flap support LH	1
61-34014					Bracket Assembly - Cowl flap support RH	1

SECTION IIPower Plant
Installation - Fixed Cowl Sections

(Part List No. 3136)

<u>Part No.</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>Qty.</u> <u>Req.</u>
61-34015					Yoke Assembly - Cowl flap support	1
#100F					Spring - (Dzus Fastener Co., Babylon, N.Y.)	6
VS82					Washer - Special	12
VS89					Doubler - (Dzus Fastener Co., Babylon, N.Y.)	6
61-34103					Bracket - Flap support ring	6
61-34107					Hinge - Engine cowl flap attaching LH	12
61-34107-1					Hinge - Engine cowl flap attaching RH	12
VS80-5-8-020					Washer	8
VS82					Washer	40
VS85					Doubler - (Dzus Fastener Co., Babylon, N.Y.)	20
22A17-02					Nut plate (Elastic Stop Nut Corp., Elizabeth, N.J.)	12
S6-425					Spring - (Elastic Stop Nut Corp., Elizabeth, N.J.)	20
61-34036					Channel Assembly - Anti-drag ring cowl support	2
VS80-5-8-020					Washer	128
VS82					Washer	64
VS85					Doubler - (Dzus Fastener Co., Babylon, N.Y.)	32
#1375					Spring - (Dzus Fastener Co., Babylon, N.Y.)	32
61-34038-1					Bracket Assembly - Anti-drag ring cowling RH panel support	1
VS82					Washer	4
VS89					Doubler - (Dzus Fastener Co., Babylon, N.Y.)	2

(Part List No. 3137)

100F					Spring (Dzus Fastener Co., Babylon, N.Y.)	2
61-34038-2					Bracket Assembly - Anti-drag ring cowling panel RH support	1
VS82					Washer	2
VS89					Doubler - (Dzus Fastener Co., Babylon, N.Y.)	1
100F					Spring - (Dzus Fastener Co., Babylon, N.Y.)	1
61-34042					Channel Assembly - Anti-drag ring cowling seal & support LH	1
61-34042-1					Channel Assembly - Anti-drag ring cowling seal & support RH	1
61-34045					Pad Assembly - Anti-drag ring cowling support channel	2
VS80D-5-8-020					Washer	16
VS82					Washer	64
VS85					Doubler - (Dzus Fastener Co., Babylon, N.Y.)	32
#1375					Spring - (Dzus Fastener Co., Babylon, N.Y.)	32
61-34057					Support Assembly - Anti-drag ring fixed flap	1
VS82					Washer	6

(Part List No. 3138)

VS89					Doubler - (Dzus Fastener Co., Babylon, N.Y.)	3
100F					Spring - (Dzus Fastener Co., Babylon, N.Y.)	3
61-34057-1					Support Assembly - Anti-drag ring fixed flap	2
VS82					Washer	12
VS89					Doubler - (Dzus Fastener Co., Babylon, N.Y.)	6
100F					Spring - (Dzus Fastener Co., Babylon, N.Y.)	6
61-34101					Installation - Cowl flaps & operating mechanism (P.L. 3139-3144)	1
61-34102					Bracket - Cowl support	18
VS121S68-148					Spacer - Bearing	18

SECTION IIPower Plant
Installation Cowl Flaps & Operating Mechanism

(Part List No. 3139)

<u>Part No.</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>Qty.</u> <u>Req.</u>
61-34101	Installation - Cowl flaps & operating mechanism					1
61-34022	Flap Assembly - Lower cowl					5
61-34008	Hinge Assembly - Engine cowl flap attaching LH					5
61-34008-1	Hinge Assembly - Engine cowl flap attaching RH					5
61-34106	Hinge - Engine cowl flap operating					5
61-34184	Channel - Anti-drag ring cowl flap attaching					5
VS21-8	Screw - 100° recessed flat head					6
VS21-8-8	Screw - 100° recessed flat head					6
VS21-10-10	Screw - 100° recessed					3
61-34023-1	Flap Assembly - Lower side cowl					1
61-34008-1	Hinge Assembly - Engine cowl flap attaching RH					1
61-34106	Hinge - Engine cowl flap operating					1
61-34184	Channel - Anti-drag ring cowl flap attaching					1
VS21-8	Screw - 100° recessed flat head					6
VS21-8-8	Screw - 100° recessed flat head					6
VS21-10-10	Screw - 100° recessed flat head					3
61-34023-2	Flap Assembly - Lower side cowl LH					1
61-34008	Hinge Assembly - Engine cowling flap attaching LH					1
61-34106	Hinge - Engine cowling flap operating					1
61-34184	Channel - Anti-drag ring cowling flap attaching					1

(Part List No. 3140)

VS21-8	Screw - 100° recessed flat head	6
VS21-8-8	Screw - 100° recessed flat head	6
VS21-10-10	Screw - 100° recessed flat head	3
61-34024	Flap Assembly - RH side cowl	1
61-34008	Hinge - Engine cowl flap operating LH	1
61-34008-1	Hinge - Engine cowl flap operating RH	1
61-34106	Hinge - Engine cowl flap operating	1
61-34184	Channel - Anti-drag ring cowl flap attaching	1
VS21-8	Screw - 100° recessed flat head	6
VS21-8-8	Screw - 100° recessed flat head	6
VS21-8-10	Screw - 100° recessed flat head	6
VS21-10-10	Screw - 100° recessed flat head	3
61-34025	Flap Assembly - Upper side cowl LH	1
61-34025-1	Flap Assembly - Upper side cowl RH	1
61-34008	Hinge Assembly - Engine cowling flap attaching LH	2
61-34106	Hinge - Engine cowl flap operating	4
VS21-8	Screw - 100° recessed flat head	12
VS21-8-8	Screw - 100° recessed flat head	12
VS21-10-10	Screw - 100° recessed flat head	6
61-34026	Flap Assembly - Top cowl LH	1

(Part List No. 3141)

61-34026-1	Flap Assembly - Top cowl RH	1
61-34008	Hinge Assembly - Engine cowl flap attaching LH	2
61-34008-1	Hinge Assembly - Engine cowl flap attaching RH	1
61-34106	Hinge - Engine cowl flap operating	2
61-34184	Channel - Anti-drag ring cowl flap attaching	2
VS21-8	Screw - 100° recessed flat head	12
VS21-8-8	Screw - 100° recessed flat head	12
VS21-10-10	Screw - 100° recessed flat head	6
61-34027-1	Rod Assembly - Flap operating	5
REB3N-2	Bearing - (Federal Bearing Co., Poughkeepsie, N.Y.)	10

(Continued)

SECTION IIPower Plant
Installation - Cowl Flaps & Operating Mechanism

(Part List No. 3141 Contd.)

Part No.	1	2	3	4	5	Qty. Req.
61-34027-3	Rod Assembly - Flap operating					2
REB3N-2	Bearing - (Federal Bearing Co., Poughkeepsie, N.Y.)					6
61-34027-5	Rod Assembly - Flap operating					1
REB3N-2	Bearing - (Federal Bearing Co., Poughkeepsie, N.Y.)					2
61-34027-7	Rod Assembly - Flap operating					1
REB3N-2	Bearing - (Federal Bearing Co., Poughkeepsie, N.Y.)					2
61-34027-11	Rod Assembly - Flap operating					1
REB3N-2	Bearing - (Federal Bearing Co., Poughkeepsie, N.Y.)					2
61-34027-13	Rod Assembly - Flap operating					1
REB3N-2	Bearing - (Federal Bearing Co., Poughkeepsie, N.Y.)					2

(Part List No. 3142)

61-34027-25	Rod Assembly - Flap operating	1
REB3N-2	Bearing - (Federal Bearing Co., Poughkeepsie, N.Y.)	2
61-34051	Link Assembly - Cowling flap actuating	1
61-34182	Bushing - Cowling flap actuating line	2
61-34052	Link Assembly - Cowling flap actuating	1
61-34182	Bushing - Cowling flap actuating line	2
61-34053-1	Link Assembly - Cowling flap actuating	2
61-34182	Bushing - Cowling flap actuating line	4
61-34053-3	Link Assembly - Flap actuating	1
61-34182	Bushing - Cowling flap actuating link	2
61-34053-5	Link Assembly - Cowling flap actuating	2
61-34182	Bushing - Cowling flap actuating link	4
61-34053-7	Link Assembly - Cowling flap actuating	1
61-34182	Bushing - Cowling flap actuating link	2
61-34053-9	Link Assembly - Cowling flap actuating	1
61-34182	Bushing - Cowling flap actuating link	2
61-34054	Link Assembly - Cowling flap actuating	1
61-34021	Rod Assembly - Cowling flap actuating	2
61-34182	Bushing - Cowling flap actuating link	2
VS325-3-1101	Rod Assembly - Engine control	1
61-34055	Link Assembly - Cowling flap actuating joggled	1

(Part List No. 3143)

61-34182	Bushing - Cowling flap actuating link	2
61-34056	Link Assembly - Cowling flap actuating	1
61-34182	Bushing - Cowling flap actuating link	2
61-34059	Link Assembly - Cowling flap actuating lower joggled	2
61-34182	Bushing - Cowling flap actuating link	2
61-34137	Shaft - Cowling flap mech. actuating torque	2
61-34138	Shaft - Cowling flap mech. plain bearing	3
61-34139	Shaft - Cowling flap mech. flanged bearing	6
61-34140	Shaft - Cowling flap mech. large bearing	1
61-34166	Arm - Cowling flap actuating mech. drive	1
61-34167	Bell crank - Cowling flap actuating mech. drive	1
61-34168	Bell crank - Cowling flap actuating	1
61-34169	Bell crank - Cowling flap actuating	2
61-34170	Bell crank - Cowling flap actuating	1
61-34171	Bell crank - Cowling flap actuating	1
61-34172	Arm - Cowling flap actuating	2
61-34173	Bell crank - Cowling flap actuating	2
61-34174	Bell crank - Cowling flap actuating	1
61-34175	Arm - Cowling flap actuating	1
61-34176	Arm - Cowling flap actuating	2
61-34177	Bell crank - Cowling flap actuating	1

SECTION IIPower Plant
Installation - Cowl Flaps & Operating Mechanism

(Part List No. 3144)

Part No.	1	2	3	4	5	Qty. Req.
61-34178					Bell Crank - Cowl flap actuating	1
61-34179					Bell Crank - Cowl flap actuating	1
61-34180					Bell Crank - Cowl flap actuating	1
61-34181					Bell Crank - Cowl flap actuating	1
61-34185					Shaft - Cowl flap mechanism flanged bearing bottom	2
VS23-100					Bolt - Flat head No. 10-32	24
VS23-101					Bolt - Flat head No. 10-32	1
VS23-102					Bolt - Flat head No. 10-32	1
VS83					Washer - Special	12
VS121S57-18					Spacer - Bearing	30
VS121S57-20					Spacer - Bearing	24
VS121-1320-016					Spacer - Bearing	2

Installation - Carburetor Air Induction System

(Part List No. 3145)

61-58101	Installation - Carburetor air induction system	1
61-58006	Valve Assembly - Carburetor air	1
61-58005-1	Housing Assembly - Carburetor air mixing valve	1
61-58115	Bushing - Carburetor air mixing valve	2
VS120B4-14	Bearing - Plain press fit	2
61-58005-2	Housing Assembly - Carburetor air mixing valve	1
61-58115	Bushing - Carburetor air mixing valve	2
VS120B4-14	Bearing - Plain press fit	2
61-58007	Door Assembly - Carburetor air mixing valve	1
61-58110	Shaft - Carburetor air mixing valve left side	1
61-58111	Shaft - Carburetor air mixing valve right side	1
VS140-156-100	Rod - Drill	4
61-58011	Door Assembly - Carburetor air mixing valve backfire	1
61-58112	Shaft - Carburetor air mixing valve backfire door	2
61-58114	Plate - Carburetor air mixing valve backfire door	1
	spring chafing	1
VS140-098-020	Rod - Drill	4
61-58028	Angle Assembly - Muff support LH	1
61-58028-1	Angle Assembly - Muff support RH	1
61-58152	Seal Assembly - Mixing valve gap	1
VS287-090-916	Pin - Hinge	1

(Part List No. 3146)

61-58109	Lever - Carburetor air mixing valve	1
61-58117	Spring - Backfire door	2
61-58142	Channel - Carburetor air mixing valve deflector	2
61-58143	Channel Vane - Carburetor air mixing valve lower	1
61-58144	Channel Vane - Carburetor air mixing valve upper	1
61-58153	Strip - Carburetor air mixing valve	1
61-58154	Strip - Carburetor air mixing valve	1
VS22-8-8	Screw - 100° recessed flat head special	24
VS110S-12-02	Spacer	4
61-58008	Clamp Assembly - Carburetor air mixing valve lower	2
61-58009	Clamp Assembly - Carburetor air mixing valve lower front	2
61-58010	Clamp Assembly - Carburetor air mixing valve upper front	2
61-58012	Pad Assembly - Carburetor air duct upper	1
61-58013	Duct Assembly - Carburetor air center	1

(Continued)

SECTION IIPower Plant
Installation - Carburetor Air Induction System

(Part List No. 3146 Contd.)

Part No.	1	2	3	4	5	Qty. Req.
61-34039-1					Channel Assembly - Anti-drag ring cowling blast tube & duct seal RH	1
61-34043-1					Pad Assembly - Anti-drag ring cowling blast tube & duct RH	1
VS22-832-6					Screw - 100° recessed flat head special	10
61-34039					Channel Assembly - Anti-drag ring cowling blast tube & duct seal LH	1

(Part List No. 3147)

61-34043					Pad Assembly - Anti-drag ring cowling blast tube & duct LH	1
61-58014					Clamp Assembly - Carburetor air duct center lower	2
61-58015					Clamp - Carburetor air duct center upper	2
61-58156					Pad Assembly - Cool air duct bumper	2
61-58106					Ring - Carburetor air mixing valve neoprene attaching	1
61-58108					Adapter - Carburetor air induction system	1
61-58118					Coupling - Carburetor air duct center	2

Installation - Engine Section Engine & Accessories Controls

(Part List No. 3148)

61-59201					Installation - Engine section engine & accessories controls	1
61-34027-23					Rod Assembly - Flap operating	2
REB3N-2					Bearing - (Fafnir Bearing Co., New Britain, Conn.)	2
61-59016					Support Assembly - Engine controls	1
61-59013					Shaft Assembly - Carburetor air control support	1
#A521					Bearing - (Chrysler Corp., Detroit, Michigan)	2
61-59014					Shaft Assembly - Mixture control support	1
#A-724-2					Bearing - (Chrysler Corp., Detroit, Michigan)	2
61-59015					Shaft Assembly - Supercharger control support	1
#A-1008-5					Bearing - (Chrysler Corp., Detroit, Michigan)	2
61-59102-1					Support Assembly - Engine control jack shaft	1
#1303-2					Bearing - (Chrysler Corp., Detroit, Michigan)	2
61-59107-1					Lever - Carburetor air control operating	1
61-59107-2					Lever - Carburetor air control operating	1
61-59108					Lever - Mixture control operating	2
61-59109-1					Lever - Supercharger control operating	1
61-59109-2					Lever - Supercharger control operating	1
61-59025					Pulley Assembly - Propeller pitch control	1
61-59124-1					Pulley - Propeller pitch control	1
BCU4					Bearing - (Fafnir Bearing Co., New Britain, Conn.)	1

(Part List No. 3149)

61-59102-2					Support Assembly - Engine controls jack shaft	1
#A-1303-2					Bearing - (Chrysler Corp., Detroit, Mich.)	2
61-59214					Support Assembly - Engine controls jack shaft upper	1
VS150B1220					Clamp - Tube	1
61-58146					Bell Crank - Oil cooler scoop actuating	1
61-58147					Lever - Oil cooler scoop actuating	1
61-58149					Lever - Oil cooler scoop actuating gear box	1

(Continued)

SECTION II

Power Plant

Installation - Engine Section Engine & Accessories Controls

(Part List No. 3149 Contd.)

<u>Part No.</u>	1	2	3	4	5	<u>Qty.</u> <u>Req.</u>
61-59111					Guard - Propeller control support pulley	2
61-59112					Guard - Propeller governor control support pulley	1
61-59120					Bracket - Propeller pitch control idler pulley	1
61-59121					Bracket - Propeller pitch control front pulley	1
61-59129					Guard - Propeller pitch control idler pulley	1
61-59133					Fairlead - Propeller control inner ring	1
61-59134					Arm - Propeller control pulley support	1
61-59207					Fairlead - Propeller control No. 13 cylinder head baffle	1
61-59209					Fairlead - Propeller control #13 cylinder head baffle front	1
61-59210					Fairlead - Propeller control inner ring front	1
VS80C3-14108					Washer	1

(Part List No. 3150)

VS80-6-13-031	Washer	9
VS80-8-17-031	Washer	3
VS80-8-17-062	Washer	1
VS80S-18-49-062	Washer	3
VS83	Washer - Special	9
VS83-1	Washer - Special	4
VS150BC1220	Clamp - Tube	1
VS325-3-1106	Rod Assembly - Engine control	1
VS325-3-2113	Rod Assembly - Engine control	2
VS325-2012	Rod Assembly - Engine control	1
VS326-1-500	Rod Assembly - Engine control	1
RELF5	Bearing - (Fafnir Bearing Co., New Britain, Conn.)	5
REB3N-2	Bearing - (Fafnir Bearing Co., New Britain, Conn.)	3

Installation - Propeller

(Part List No. 3151)

61-60002	Installation - Propeller	1
#4H10	Governor - Standard (Hamilton Propeller, East Hartford, Conn.)	1
#23E50	Hub - (Hamilton Propeller, East Hartford, Conn.)	1
#6193A-15	Blade - (Hamilton Propeller, East Hartford, Conn.)	3

SECTION IIPower Plant
Installation - Oil System

(Part List No. 3152)

Part No.	1	2	3	4	5	Qty. Req.
61-63001	Installation - Oil system					1
61-58017	Duct Assembly - Oil cooler inner					1
61-58119	Clip - Oil scoop vane attaching					1
61-58119-1	Clip - Oil scoop vane attaching					1
61-63119	Clip - Oil cooler inner duct hold down					3
61-58018	Scoop Assembly - Oil cooler duct					1
61-58020	Bracket Assembly - Oil cooler duct hinge LH					1
61-58020-1	Bracket Assembly - Oil cooler duct hinge RH					1
VS120S5-14	Bushing - Plain press fit					2
61-58145-1	Fitting - Oil cooler duct control attaching					1
61-58145-2	Fitting - Oil cooler duct control attaching					1
61-63003	Tank Assembly - Oil					1
61-63004	Hopper Assembly - Oil tank					1
63-63131	Outlet - Oil tank nopper					1
61-63012	Cap Assembly - Oil tank filler complete					1
61-63005	Cap Assembly - Oil tank filler					1
63-63003	Sump Assembly - Oil tank					1
63-63106	Stud - Oil tank sump					8
61-63102	Neck - Oil tank filler					1
61-63117	Plate - Oil tank name					1
63-63102	Flange - Oil tank inlet					1

(Part List No. 3153)

63-63104	Flange - Oil tank sump cover					1
63-63105	Gasket - Oil tank sump flange					1
63-63119	Clip - Oil tank bonding					2
VS95-3	Flange - Pipe welding					2
61-63007	Support Assembly - Oil tank					1
61-63008	Tube Assembly - Oil tank support front					1
61-63103	Channel - Oil tank support front					1
VS80M-8-12-062	Washer - Plain					4
VS113-6-1604	Cushion - Molded					1
VS150BT1220	Clamp - Tube					2
61-63009	Tube Assembly - Oil tank support rear					1
61-63107	Strap - Oil tank support					2
61-63010-1	Line - Oil system					1
61-63010-2	Line - Oil system					1
61-63010-4	Line - Oil system					1
61-63010-5	Line - Oil system					1
61-63010-6	Line - Oil system					1
61-63010-7	Line - Oil system					1
61-63011	Pan Assembly - Oil tank filler neck					1
61-63118	Seal - Oil tank filler neck pan					1

(Part List No. 3154)

61-63013	Support Assembly - Oil temperature regulator lower					1
61-63116	Stud - Oil temperature regulator lower support					1
61-63014	Ring Assembly - Oil temperature regulator outboard support lower half					1
VS120S-5-020	Bearing - Plain press fit					1
61-63015	Ring Assembly - Oil temperature regulator outboard support upper half					1
VS120S-5-020	Bearing - Plain press fit					1
61-63016	Connection Assembly - Engine oil 30°					1

(Continued)

SECTION IIPower Plant
Installation - Oil System

(Part List No. 3154 Contd.)

Part No.	1	2	3	4	5	Cty. Req.
61-63017					Connection Assembly - Engine oil 90°	1
61-63019					Support Assembly - Y drain valve	1
VS150A116					Clamp - Tube	1
61-63006					Cooler - 12 inch diameter oil	1
61-63104					Support - Oil temperature regulator upper	1
61-63108					Ring - Oil temperature regulator inboard support lower half	1
61-63111					Clamp - Oil tank filler neck pan	1
61-63112					Gasket - Oil tank filler neck pan	1
61-63114					Ring - Oil temperature regulator inboard support upper half	1
VS80L-7-19-31					Washer - Plain	4
VS110D-36-906					Spacer	2
VS112-3816					Section - Rubber extrusion	2
VS121S58-106					Spacer - Bearing	2

(Part List No. 3155)

VS149-16					Clip - Conduit	1
VS149-22					Clip - Conduit	1
VS150AC116					Clamp - Tube	1
VS150AC176					Clamp - Tube	1
VS150AC186					Clamp - Tube	2
VS150BC1220					Clamp - Tube	2
GT-7					Clamp - (Witteck Mfg. Co., Chicago, Ill.)	18
GT-15					Clamp - (Witteck Mfg. Co., Chicago, Ill.)	16
GT-30					Clamp - (Witteck Mfg. Co., Chicago, Ill.)	6
755-4-2-8					Clip - (Adel Precision Products Corp., Burbank, California)	2
755-8-2-8					Clip - (Adel Precision Products Corp., Burbank, California)	2
755-24-2-12					Clip - (Adel Precision Products Corp., Burbank, California)	2
#U-1050-B3					Drain Valve - (United Aircraft Products, Inc., Dayton, Ohio)	1

Installation - Engine Section Fuel System

(Part List No. 3156)

61-64201					Installation - Engine section fuel system	1
61-64016-1					Line - Engine section fuel system	1
61-64016-2					Line - Engine section fuel system	1
#755-4-2-6					Clip - (Adel Precision Products Corp., Burbank, Calif.)	1
#755-10-4-8					Clip - (Same as above)	2
#755-16-2-8					Clip - (Same as above)	1
#WS-0312-32-5					Shaft Assembly - (Breeze Corp., Newark, N.J.)	1
#F-100-6-10					Coupling Assembly - Fuel pump drive (Breeze Corp., Newark, N.J.)	1

SECTION IIPower Plant
Installation - Engine Section Hydraulic Lines

(Part List No. 3157)

<u>Part No.</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>Qty.</u> <u>Req.</u>
61-82801	Installation - Engine section hydraulic lines					1
61-82007	Bracket Assembly - Hydraulic filter res. tank support					2
BO4016-2D-603	Clamp Assembly - Standard part					1
61-82114	Bracket - Hydraulic filter res. tank sup.					1
61-82008	Tank Assembly - Hydraulic filter reservoir					1
61-82009	End Assembly - Hydraulic res. filter mounting tank					1
61-82011	Neck Assembly - Hydraulic filter reservoir tank filler					1
61-82012	Screen Assembly - Hydraulic filter reservoir tank filler neck					1
61-82013	Pan - Hydraulic filter reservoir tank filler neck					1
61-82111	Sleeve - Hydraulic filter reservoir tank neck					1
61-82112	Nut - Hydraulic filter reservoir tank filler neck					1
61-82027	Fitting - Hydraulic filter res. tank return line					1
61-82028	Flange - Pressure regulator hydraulic line attaching					1
61-82106	Outlet - Hydraulic filter res. tank suction					1
61-82110	Retainer - Hydraulic filter reservoir tank check valve					1
61-82130	Plate - Hydraulic reservoir name					1
VS284-704	Section - Rubber extruded					1
VS80N-23-80-.062	Washer					1
F292-0	Steel Ball - (Cuno Engineering Corp., Meridian, Connecticut)					1
F360	Seat - (Cuno Engineering Corp., Meridian, Connecticut)					1

(Part List No. 3158)

61-82136	Spring - Outlet hydraulic reservoir	1
#10842	Filter - (Same as above)	1
61-82017-11	Line Assembly - Hydraulic system	1
61-82017-12	Line Assembly - Hydraulic system	1
61-82017-14	Line Assembly - Hydraulic system	1
61-82017-15	Line Assembly - Hydraulic system	1
61-82017-33	Line Assembly - Hydraulic system	1
61-82017-34	Line Assembly - Hydraulic system	1
61-82017-35	Line Assembly - Hydraulic system	1
61-82017-48	Line Assembly - Hydraulic system	1
61-82004	Cylinder Assembly - Cowl flap actuating	1
#7-2539-Type 1-4D	Elbow - (Parker Appliance Co., Cleveland, Ohio)	2
#7-2539-Type 2-6D	Elbow - (Same as above)	1
#7-2539-Type 2-8D	Elbow - (Same as above)	1
11-1039-1-5D	Locknut - (Same as above)	2
11-1039-1-10D	Locknut - (Same as above)	2
755-A-4-2-8	Clip - (Adel Precision Products Corp., Burbank, Calif.)	1
755-A-8-2-8	Clip - (Same as above)	1
3115-1HT-6D	Fitting - Bulkhead (Parker Appliance Co., Cleveland, Ohio)	1
3115-1HT-8D	Fitting - Bulkhead (Same as above)	1
VS150AC-105	Clip - Conduit	4
VS149-30	Clip - Conduit	1

SECTION IIEquipment
Installation - Fuselage Instrument

(Part List No. 3159)

Part No.	1	2	3	4	5	Qty. Req.
61-66101	Installation - Fuselage instrument					1
61-66004	Panel Assembly - Pilot's instrument complete					1
61-66004-2	Panel Assembly - Pilot's instrument complete riveted					1
61-66005	Panel - Pilot's instrument					1
61-66124-2	Plate - Cylinder temperature selector switch instruction					1
A01426-5	Spacer - Instruments indirect shield					7
61-66006-10	Line Assembly - Instrument					1
61-66006-11	Line Assembly - Instrument					1
61-66006-12	Line Assembly - Instrument					1
61-66007-2	Bracket Assembly - Instrument panel supporting					2
61-66007-3	Bracket Assembly - Instrument panel supporting					2
61-66014	Shield - Pilot's instrument panel light reflection					1
61-66140-4	Decalcomania - English instrument inscription					1
61-66140-3	Decalcomania - English instrument inscription					1
61-66140-2	Decalcomania - English instrument inscription					1
VS296-6616	Extrusion					2
8DJ4-PWM	Indicator - Flap & landing gear (General Electric, Schenectady, N. Y.)					1
17ATS-3R	Indicator - Cylinder temperature (Lewis Engineering Co., Naugatuck, N. Y.)					1
MN44A	Indicator - Bearing (Bendix Aviation Corp., Sc. Bend, Ind.) (Govt. furn.)					1
97-012	Gage - Suction (Kollsman Instrument Co., Elmhurst, N.Y.)					1

(Part List No. 3160)

150-038	Gage - Engine unit (Kollsman Instrument Co., Elmhurst, N.Y.)	1
175-01	Gage - Manifold pressure gage (Kollsman Instrument Co., Elmhurst, N.Y.)	1
177B-033	Altimeter - (Kollsman Instrument Co., Elmhurst, N.Y.)	1
248-011	Indicator - Airspeed (Kollsman Instrument Co., Elmhurst, N.Y.)	1
257B-05	Tachometer - (Kollsman Instrument Co., Elmhurst, N.Y.)	1
398B-01	Compass - (Kollsman Instrument Co., Elmhurst, N.Y.)	1
606 NO.185A	Thermometer - Free air (Weston Electric Corp., Newark, N.J.)	1
612K-010	Indicator - Rate of climb (Kollsman Instrument Co., Elmhurst, N.Y.)	1
1700-1A	Indicator - Bank & turn (Pioneer Instrument Co., Bendix, N.J.)	1
1718-4	Adapter - (Parker Appliance Co., Cleveland, Ohio)	2
2030	Clock - (Jaeger Watch Co., 304 E. 45th Street, New York, N.Y.)	1
643715	Gyroscope - Directional (Sperry Gyroscope Co., Brooklyn, N.Y.)	1
61-66006-13	Line Assembly - Instrument	1
61-66006-14	Line Assembly - Instrument	1
61-66006-15	Line Assembly - Instrument	1
61-66006-18	Line Assembly - Instrument	1
61-66006-37	Line Assembly - Instrument	1
61-66123	Angle - Instrument lines	1
61-66203	Shaft - Tachometer	1
VS80D22-17-032	Washer	12

SECTION IIEquipment
Installation - Fuselage Instrument

(Part List No. 3161)

Part No.	1	2	3	4	5	Qty. Req.
VS80-12-45-.037	Washer					1
VS118-2	Grommet					1
VS119-2	Retainer					1
VS149-4	Clip					23
VS149-8	Clip					2
VS149-14	Clip					1
VS149-16	Clip					3
VS149-32	Clip					1
VS314-810-600	Connector Assembly - Bonding					1
8-4-6JTD	Adapter - (Parker Appliance Co., Cleveland, Ohio)					1
150P6	Mount - Shock (Lord Mfg. Co., Erie, Pa.)					1
150P8	Mount - Shock (Same as above)					1
#311A	Valve - Check (Pump Engineering Service Co., Cleveland, Ohio)					1
#3279-AD-2	Pin - (3114) (Parker Appliance Co., Cleveland, Ohio)					3

Installation - Engine Section Instrument

(Part List No. 3162)

Part No.	Description	Qty. Req.
61-66201	Installation - Engine section instrument	1
61-66006-25	Line Assembly - Instrument	1
61-66006-26	Line Assembly - Instrument	1
61-66006-27	Line Assembly - Instrument	1
61-66006-28	Line Assembly - Instrument	1
61-66006-29	Line Assembly - Instrument	1
61-66006-30	Line Assembly - Instrument	1
61-66006-31	Line Assembly - Instrument	1
61-66006-32	Line Assembly - Instrument	1
61-66006-33	Line Assembly - Instrument	1
61-66006-34	Line Assembly - Instrument	1
61-66202	Bracket - Suction relief valve supporting	1
VS150A1310	Clamp - Tube	1
61-66203	Shaft - Tachometer	1
VS80D21-43-040	Washer	2

(Part List No. 3163)

Part No.	Description	Qty. Req.
VS149-8	Clip - Conduit	1
VS149-26	Clip - Conduit	8
VS150A1310	Clamp - Tube	1
#755-4-2-6	Clip - (Adel Precision Products Corp., Burbank, California)	4
#755-16-4-8	Clip - (Same as above)	2
#755-8-4-8	Clip - (Same as above)	2
4HLC314OPN	Elbow - (Parker Appliance Co., Cleveland, Ohio)	1
4HLC45°3142PN	Elbow - (Same as above)	1
4HLC45°3142PN	Elbow - (Same as above)	1
#195	Valve - Suction relief (Pump Engineering Service Corp., Cleveland, Ohio)	1
#1341-4-4	Tee - (Parker Appliance Co., Cleveland, Ohio)	1
GT-2	Clamp - (Whittek Mfg. Co., Chicago, Ill.)	26
GT-7	Clamp - (Whittek Mfg. Co., Chicago, Ill.)	14

SECTION IIEquipment
Installation - Furnishings

(Part List No. 3164)

<u>Part No.</u>	1	2	3	4	5	<u>Qty.</u> <u>Req.</u>
61-76001	Installation - Furnishings					1
61-76101	Installation - Seat					1
61-76003	Seat Assembly - Pilot's					1
61-76004-6	Cable Assembly - Shoulder strap release					1
61-76008	Harness Assembly - Pilot's safety					1
61-76006	Holder Assembly - Shoulder strap					1
61-76009	Belt Assembly - Safety					1
61-76011	Belt & Pin Assembly - Safety					1
61-76005	Pin Assembly - Safety belt					1
VS80-6-4-062	Washer					1
VS80-20-37-062	Washer					10
61-76014	Handle Assembly - Shoulder strap release					1
61-76014-7	Handle Assembly - Shoulder strap release					1
61-76104	Bracket - Shoulder strap release mechanism					1
61-76105-2	Clamp - Shoulder strap release cable					1
61-76105-3	Clamp - Shoulder strap release cable					1
61-76108	Spring - Shoulder strap retraction					1
61-76116	Column - Shoulder strap support					1
61-76118	Block - Shoulder strap support					2
VS80M18-49-062	Washer					2

(Part List No. 3165)

#54542	Seat Assembly - (Bendix Brake Co., South Bend, Ind.)	1
61-76103	Tube - Pilot's seat support	2
63-76117	Spool - Bungee Guide	2
VS78-1	Washer	4
VS110S11-04	Spacer	4
VS110D34-022	Spacer	2
VS300AD4-3524	Cord Assembly - Shock	1
61-76201	Installation - Floors	1
61-76201-9	Cover Assembly - Floor	1
61-76201-14	Trough Assembly - Floor	1
#670	Button - (United-Carr Fastener Corp., Cambridge, Mass.)	22
C548	Socket - (Same as above)	22
VS19-10-8	Screw	10
61-76301	Installation - Wing access step	1
61-76302	Step Assembly - Wing access	1
VA12-22	Bolt	1
VS80D7-13-64	Washer	4
VS80D8-17-32	Washer	2
VS120S-5-17	Bushing	1
VS121S46-16	Spacer	2

(Part List No. 3166)

VS121S-46-20	Spacer	1
VS121S47-36	Spacer	1
48-76303	Drum - Wing access step cable	1
48-76304	Spacer - Wing access step	1
61-76303	Name Plate - Wing access step drum	1
A03451	Knob - Handle	1
A05951	Spring - Gunner seat latch	1

(Continued)

SECTION IIEquipment
Installation - Furnishings

(Part List No. 3166 Contd.)

Part No.	1	2	3	4	5	Qty. Req.
A-138					Pulley - (Formica Insulation Co., Cinn., Ohio)	3
61-76401					Installation - Fire extinguisher equipment	1
A-2					Bracket - Fire extinguisher & (A.C. Spec. 85-2)	1
61-76604					Kit Assembly - Tool	1
61-76604-4					Kit Assembly - Stitched tool	1
No No.					Strap & Buckle - (Lichtenberger Ferguson Co., Los Angeles, California)	1
No No.					Screw Driver - (Reed & Prince Mfg. Co., Worchester, Mass.)	1
VS525					Wrench - Dzus fastener	1
51-87106					Lubricator - 30 caliber synchronized gun impulse tube	1
61-76905					Installation - Starter crank stowage	1
D-57431-50					Crank - (Eclipse Aviation Corp., Orange, N.J.)	1
61-76906					Installation - Engine propeller & cockpit covers	1
61-76016					Cover Assembly - Engine & propeller hub	1

(Part List No. 3167)

61-32018					Cover Assembly - Cockpit	1
61-76911					Installation - Pilot's head rest	1
61-76010					Rest Assembly - Pilot's head	1
VS110D11-4					Spacer	2
61-76917					Installation - Data case	1
61-76917-6					Case Assembly - Date	1
VS286-063-924					Pin	1
63-76806					Stud - Map case snapslide	1
63-76807					Hasp - Map case lock	1
63-76808					Button - Map case snapslide	1
VS80-5-13-025					Washer	1
VS80-5-9-025					Washer	1
61-86021					Chart - Gun sighting	1
61-78002					Diagram - Electrical wing	1
61-98001					Installation - oxygen equipment	1
VS21-8-8					Screw	4
VS84-2					Washer	4

(Part List No. 3168)

VS110S11-28					Spacer	2
VS149-3					Clamp	2
VS149-28					Clamp	2
51-98002-12					Tube Assembly - Oxygen high pressure	1
61-98001-8					Strip Assembly - Complete	2
61-98001-7					Strap Assembly - Riveted	2
61-78011					Bolt Assembly - Oxygen bottle tie down	2
B-1					Cylinder - Oxygen (Air Cruisers Inc., Clifton, N.J.)	1
2801-1A					Regulator - Oxygen (Pioneer Instrument Co. Inc., Bendix, N.J.)	1
61-76117					Cushion - Pilot's seat	1
61-76915					List - Pilot's check off	1

SECTION II

Equipment

Installation - Engine Section Heating & Ventilating System

(Part List No. 3169)

Part No.	1	2	3	4	5	Qty. Req.
61-77201-1	Installation - Engine section heating & ventilating system					1
61-77006	Adapter Assembly - Pilot's hot air duct					1
61-77007	Duct Assembly - Pilot's hot air forward					1
61-77008	Tube Assembly - Hot air intensifier					1
61-77010	Duct Assembly - Pilot's hot air aft					1
61-77011	Seal Assembly - Pilot's hot air intensifier tube shroud					1
61-77012	Scoop Assembly - Pilot's hot air					1
61-77014	Support Assembly - Pilot's hot air intake front					1
61-77015	Support Assembly - Pilot's hot air intake rear					1
63-77009	Clamp Assembly - Pilot's cold air tube					3
61-77105	Heating & Ventilating System					4
A13008	Clip - Anti drag ring cowlings seal					3
B12949	Coupling - Heating & ventilating flexible					1
B12949-1	Coupling - Heating & ventilating flexible					1
VS110D12-20	Spacer					4
VS149-32	Clip - Conduit					2

Installation - Fuselage Section Heating & Ventilating System

(Part List No. 3170)

61-77201-2	Installation - Fuselage section heating & ventilating system					1
61-77003-1	Valve Assembly - Pilot's hot air					1
VS140-250-330	Rod - Drill					1
VS290-30-7	Pin - Taper					1
61-77102	Housing - Pilot's hot air valve					1
63-77103	Retainer - Pilot's hot air valve					1
63-77104	Valve - Pilot's hot air					1
63-77106	Lever Assembly - Pilot's hot air					1
61-77004	Valve Assembly - Pilot's cold air					1
63-77106	Lever - Pilot's hot air valve					1
63-77111	Shutter - Pilot's cold air					1
63-77112	Shaft - Pilot's cold air shutter					1
61-77005	Duct Assembly - Pilot's cold air					1
61-77009	Disperser Assembly - Pilot's hot air					1
B12948-3	Control Assembly - Pilot's heating & ventilating					1
B12948-4	Control Assembly - Pilot's heating & ventilating					1
61-77104	Bolt - Pilot's hot & cold air valve control					2
61-77106	Spacer - Pilot's heating & ventilating control					2
VS110D12-12	Spacer					4
VS110D12-20	Spacer					1
VS149-3	Clip - Conduit					2
VS149-32	Clip - Conduit					1

SECTION IIEquipment
Installation - Fuselage Electrical Equipment

(Part List No. 3171)

Part No.	1	2	3	4	5	Qty. Req.
61-78101	Installation - Fuselage electrical equipment					1
51-63005	Clamp Assembly - Oil dilution solenoid					1
61-66016-1	Light Assembly - Instrument indirect					1
61-66016-2	Light Assembly - Instrument indirect					1
61-66016-3	Light Assembly - Instrument indirect					1
61-66016-4	Light Assembly - Instrument indirect					1
61-66016-5	Light Assembly - Instrument indirect					1
61-66016-6	Light Assembly - Instrument indirect					1
61-66016-7	Light Assembly - Instrument indirect					1
61-66016-8	Light Assembly - Instrument indirect					1
61-66016-9	Light Assembly - Instrument indirect					1
61-66016-10	Light Assembly - Instrument indirect					1
61-66010	Socket Assembly - Instrument panel light					10
61-66125	Sleeve - Instrument panel light socket					10
#50580	Button - Plug (Cinch Mfg. Co., Chicago, Ill.)					10
61-78178	Socket Assembly - Insulated S.C. miniature					10
61-66127	Spacer - Instrument panel light socket					10
#32	Terminal - (H.B. Sherman Mfg. Co., Battle Creek, Michigan)					10
#4125725	Socket - (H. Cole-F.C. Hersee Co., Boston, Mass.)					10
61-66126	Ring - Instrument panel light socket snap					10

(Part List No. 3172)

61-66131	Ferrule - Instrument light locket	20
#27130	Shell - Plug (Cinch Mfg. Co., Chicago, Ill.)	20
#2724	Fitting - (Same as above)	10
61-78007	Panel Assembly - Pilot's electrical	1
61-64021	Support Assembly - Fuel cock control dial	1
61-78038	Box Assembly - Ignition switch	1
61-78143	Diagram - Ignition switch box wiring	1
68A27-82	Nut Plate - (Elastic Stop Nut Corp., Elizabeth, N.J.)	1
61-78045	Cover Assembly - Electrical panel gunsight	1
61-78063	Lid Assembly - Electrical panel gunsight cover	1
61-66130-2	Plate - Manifold blow off & vacuum control name	1
61-66136	Spacer - Manifold blowout valve	1
61-78120	Panel - Pilot's electrical	1
61-78129	Support - Pilot's heating & ventilating control	1
61-78144	Diagram - Pilot's electrical switch box wiring	1
61-78145	Diagram - Pilot's gun switch box wiring	1
5-2339-10	Valve - (Parker Appliance Co., Cleveland, Ohio)	1
68A27-82	Nut - Stop (Elastic Stop Nut Corp., Elizabeth, N.J.)	12
78-0375	Clamp - (Breeze Corp., Newark, N.J.)	1
78-0500	Clamp - (Same as above)	2

(Part List No. 3173)

79-0375	Nut - (Breeze Corp., Newark, N. J.)	1
79-0500	Nut - (Same as above)	2
78-1000	Clamp - (Same as above)	1
79-1000	Nut - (Same as above)	1
78-1250	Clamp - (Same as above)	1
79-1250	Nut - (Same as above)	1
#722-ET-4D	Valve - (Parker Appliance Co., Cleveland, Ohio)	1

(Continued)

SECTION IIEquipment
Installation - Fuselage Electrical Equipment

(Part List No. 3173 Contd.)

Part No.	1	2	3	4	5	Qty. Req.
3502-6-2					Washer - (Shakeproof Lockwasher Co., Chicago, Ill.)	1
50580					Button - Plug (Cinch Mfg. Co., Chicago, Ill.)	2
61-78023					Box Assembly - Instrument lighting distribution	1
61-78167					Diagram - Instrument lighting distribution panel wiring	1
68A27-82					Nut - Anchor (Elastic Stop Nut Corp., Elizabeth, N.J.)	6
61-78027					Box Assembly - Main Electrical distribution	1
61-78008					Panel Assembly - Main terminal	1
VS80B7-13-032					Washer - Plain	90
61-78008-2					Panel - Main terminal	1
61-78009					Panel Assembly - Main fuselage	1
61-78111					Panel - Main fuselage	1
61-78112					Bus - Main fuselage panel negative	1
61-78113					Bus - Main fuselage panel one clip	17

(Part List No. 3174)

61-78114					Bus - Main fuselage panel six clip	1
61-78115					Bus - Main fuselage panel twelve clip	1
61-78117					Jumper - Ammeter shunt connecting	1
61-78177					Nut - Special terminal	2
VS79					Nut - Special	36
VS80B7-13-032					Spacer - Plain	42
#1218					Clip - (Littlefuse Inc., Chicago, Ill.)	36
#1918					Lock Washer - (Shakeproof Lock Washer Co., Chicago, Ill.)	4
61-78026					Box Assembly - Main distribution riveted	1
61-78026-2					Box - Main distribution	1
68A27-82					Nut - Plate (Elastic Stop Nut Corp., Elizabeth, N.J.)	12
61-78110					Insulator - Main distribution box	1
61-78116					Jumper Assembly - Starter solenoid switch	1
61-78116-2					Jumper - Starter solenoid switch	1
61-78118					Jumper - Gun control relay	2
61-78185					Insulator - Ammeter shunt	1
VS79					Nut Special	36
WK-4-32SL					Plug - (Cannon Electrical Development Co., Los Angeles, California)	1
78-0250					Clamp - (Breeze Corp., Newark, N.J.)	1
78-0375					Clamp - (Breeze Corp., Newark, N.J.)	4

(Part List No. 3175)

78-0500					Clamp - (Breeze Corp., Newark, N.J.)	1
78-0625					Clamp - (Same as above)	1
78-0750					Clamp - (Same as above)	2
78-1000					Clamp - (Same as above)	3
78-1250					Clamp - (Same as above)	2
79-0250					Nut - (Same as above)	1
79-0375					Nut - (Same as above)	4
79-0500					Nut - (Same as above)	1
79-0625					Nut - (Same as above)	1
79-0750					Nut - (Same as above)	2
79-1000					Nut - (Same as above)	3
79-1250					Clamp - (Same as above)	2
515					Solenoid - Model 14 (Eclipse Aviation Corp., East Orange, N.J.)	1
1015					Relay - Gun control - (Leach Relay Co., Los Angeles, Calif.)	1

(Continued)

SECTION IIEquipment
Installation - Fuselage Electrical Equipment

(Part List No. 3175 Contd.)

Part No.	1	2	3	4	5	Qty. Req.
5031					Relay - Gun control (Leach Relay Co., Los Angeles, Calif.)	1
CD-92429					Terminal - (Weston Electrical Instrument Corp., Newark, N.J.)	1
61-78028					Cover Assembly - Main distribution box	1
61-78029					Diagram - Main electrical distribution box wiring	1
#1218					Clip - Fuse (Littlefuse Inc., Chicago, Ill.)	36

(Part List No. 3176)

#1163					Fuse - 5 amp. (Littlefuse Inc., Chicago, Ill.)	4
#1164					Fuse - 10 amp. (Littlefuse Inc., Chicago, Ill.)	2
#1167					Fuse - 30 amp. (Littlefuse Inc., Chicago, Ill.)	9
#1222					Fuse - 60 amp. (Littlefuse Inc., Chicago, Ill.)	1
#1169					Fuse - 50 amp. (Littlefuse Inc., Chicago, Ill.)	1
61-78039					Cover Assembly - Ignition switch	1
61-78039-2					Cover - Ignition switch	1
#10-21660					Switch - Ignition (Scintilla Magneto Co., Inc., Sydney, N.Y.)	1
61-78040					Cover Assembly - Pilot's electrical switch box	1
61-66140-5					Decalcomania - English instrument inscription	1
61-78126-2					Cover - Pilot's electrical switch box	1
VS80R-8-12-62					Washer - Plain	1
No No.					Register - "Brown Devil" 1 ohm, 20 watt (Ohmite Mfg. Co., Chicago, Ill.)	1
#20					Mounting Assembly - Lamp (Drake Mfg. Co., Chicago, Ill.)	2
VH201					Switch - (Cutler & Hammer Inc., Milwaukee, Wisconsin)	1
VH210					Switch - (Cutler & Hammer Inc., Milwaukee, Wisconsin)	1
506					Voltammeter - (Weston Electrical Instrument Corp., Newark, N.J.)	1
#8200					Switch - (Cutler & Hammer Inc., Milwaukee, Wisconsin)	1
#8201					Switch - (Cutler & Hammer Inc., Milwaukee, Wisconsin)	2

(Part List No. 3177)

#8211					Switch - (Cutler & Hammer Inc., Milwaukee, Wisconsin)	1
#8212					Switch - (Cutler & Hammer Inc., Milwaukee, Wisconsin)	1
61-78047					Box Assembly - Battery disconnect. complete	1
61-78046					Box Assembly - Battery disconnect. riveted	1
61-78049					Panel Assembly - Battery disconnect. terminal	1
61-78130					Panel - Battery disconnect terminal mounting	1
63-78138					Bus - 2 Terminal	1
VS80B9-22-032					Washer - Plain	2
VS80B7-13-032					Washer - Plain	20
61-78136					Insulator - Battery disconnect. terminal panel	1
61-78181					Plate - Cart Battery socket mounting	1
520					Switch - Circuit breaker model 2 (Eclipse Aviation Corp., Orange, N.J.)	1
78-0500					Clamp - (Breeze Corp., Newark, N.J.)	1
78-1000					Clamp - (Breeze Corp., Newark, N.J.)	1
79-0500					Nut - (Breeze Corp., Newark, N.J.)	1
79-1000					Nut - (Breeze Corp., Newark, N.J.)	1
61-78048					Cover Assembly - Battery disconnect. box	1
61-78137					Diagram - Battery disconnect. box wiring	1
61-78050					Box Assembly - Tail wheel signal switch	1

SECTION IIEquipment
Installation - Fuselage Electrical Equipment

(Part List No. 3178)

Part No.	1	2	3	4	5	Qty. Req.
61-78135					Bracket - Tail wheel signal switch mounting	1
61-78138					Pin - Tail wheel signal switch	1
BZ-RQ1					Switch - Micro (Micro-Switch Corp., Freeport, Ill.)	1
68A27-82					Nut - Anchor (Elastic Stop Nut Corp., Elizabeth, N.J.)	2
78-0375					Clamp - (Breeze Corp., Newark, N.J.)	1
79-0375					Nut - (Breeze Corp., Newark, N.J.)	1
100PH1					Mounting - (Lord Mfg. Co., Erie, Pa.)	1
#1224					Lock Washer - (Snakeproof Lock Washer Co., Chicago, Ill.)	1
61-78052					Box Assembly - Center wing to fuselage junction	1
61-78051					Box Assembly - Center wing to fuselage riveted junction	1
61-78051-2					Box - Center wing to fuselage riveted junction	1
68A27-82					Plate - Nut (Elastic Stop Nut Corp., Elizabeth, N.J.)	4
61-78053					Panel Assembly - Center wing electrical junction box	1
VS80B7-13-032					Washer - Plain	16
63-95116					Bus - Radio panel 2 terminal	1
61-78309					Insulator - Center wing to fuselage junction box	1
78-0375					Clamp - (Breeze Corp., Newark, N.J.)	1
78-1000					Clamp - (Breeze Corp., Newark, N.J.)	2
78-1250					Clamp - (Breeze Corp., Newark, N.J.)	1
79-0375					Nut - (Breeze Corp., Newark, N.J.)	1
79-1000					Nut - (Breeze Corp., Newark, N.J.)	2

(Part List No. 3179)

79-1250					Nut - (Breeze Corp., Newark, N.J.)	1
61-78054					Cover - Center wing to fuselage junction box	1
61-78055					Box Assembly - Cockpit pilot light left side	1
68A27-82					Nut - Plate (Breeze Corp., Newark, N.J.)	2
78-0375					Clamp - (Same as above)	1
78-0500					Clamp - (Same as above)	1
79-0375					Nut - (Same as above)	1
79-0500					Nut - (Same as above)	1
61-78056					Box Assembly - Cockpit pilot light right side	1
68A27-82					Nut - Plate (Elastic Stop Nut Corp., Elizabeth, N.J.)	2
78-0375					Clamp - (Breeze Corp., Newark, N.J.)	1
79-0375					Nut - (Same as above)	1
61-78057					Cover Assembly - Cockpit pilot light	2
61-78057-2					Cover - Cockpit pilot light	2
61-78059-9					Conduit Assembly - Electrical flexible	1
FK-V21-21-1AC					Plug - (Cannon Elec. Dev. Co., Los Angeles, Calif.)	1
113-1-1000					Ferrule - (Breeze Corp., Newark, N.J.)	1
118-1-1000					Nut - (Same as above)	1
119-1-1000					Ferrule - (Same as above)	1
61-78059-10					Conduit Assembly - Electrical flexible	1

(Part List No. 3180)

WK-6-23-1/2					Plug - (Cannon Elect. Dev. Co., Los Angeles, Calif.)	1
113-1-0375					Ferrule - (Breeze Corp., Newark, N.J.)	1
118-1-0375					Nut - (Breeze Corp., Newark, N.J.)	1
119-1-0375					Ferrule - (Breeze Corp., Newark, N.J.)	1
61-78059-11					Conduit Assembly - Electrical flexible	1
FK-V21-21-1					Plug - (Cannon Elect. Dev. Co., Los Angeles, Calif.)	1

(Continued)

SECTION IIEquipment
Installation - Fuselage Electrical Equipment

(Part List No. 3180 Contd.)

Part No.	1	2	3	4	5	Qty. Req.
113-1-1000					Ferrule - (Breeze Corp., Newark, N.J.)	1
118-1-1000					Nut - (Breeze Corp., Newark, N.J.)	1
119-1-1000					Ferrule - (Breeze Corp., Newark, N.J.)	1
61-78059-19					Conduit Assembly - Electrical flexible	1
WK-6-23-1/2					Plug - (Cannon Elect. Dev. Co., Los Angeles, Calif.)	1
113-1-0500					Ferrule - Breeze Corp., Newark, N.J.)	1
118-1-0500					Nut - (Breeze Corp., Newark, N. J.)	1
119-1-0500					Ferrule - (Breeze Corp., Newark, N.J.)	1
61-78059-21					Conduit Assembly - Electrical Flexible	1
113-1-0500					Ferrule - (Breeze Corp., Newark, N.J.)	2
61-78059-22					Conduit Assembly - Electrical flexible	1
4-1000					Nut - (Breeze Corp., Newark, N.J.)	2
21-1000-3					Elbow - (Breeze Corp., Newark, N.J.)	1
6-1000					Nut - (Breeze Corp., Newark, N.J.)	1
111-1000					Ferrule - (Breeze Corp., Newark, N.J.)	2
61-78059-25					Conduit Assembly - Electrical flexible	1

(Part List No. 3181)

113-1-0375					Ferrule - (Breeze Corp., Newark, N.J.)	1
118-1-0375					Nut - (Breeze Corp., Newark, N.J.)	1
119-1-0375					Ferrule - (Breeze Corp., Newark, N.J.)	1
61-78059-26					Conduit Assembly - Electrical flexible	1
WK-6-23-1/2					Plug - (Cannon Electrical Development Co., Los Angeles, California)	1
113-1-0500					Ferrule - (Breeze Corp., Newark, N. J.)	1
118-1-0500					Nut - (Breeze Corp., Newark, N.J.)	1
119-1-0500					Ferrule - (Breeze Corp., Newark, N.J.)	1
61-78059-28					Conduit Assembly - Electrical flexible	1
4-0750					Nut - (Breeze Corp., Newark, N.J.)	1
111-0750					Ferrule - (Breeze Corp., Newark, N.J.)	1
113-1-0750					Ferrule - (Breeze Corp., Newark, N.J.)	1
61-78059-29					Conduit Assembly - Electrical flexible	2
4-0750					Nut - (Breeze Corp., Newark, N.J.)	2
111-0750					Ferrule - (Breeze Corp., Newark, N.J.)	2
61-78059-40					Conduit Assembly - Electrical flexible	1
113-1-0250					Ferrule - (Breeze Corp., Newark, N.J.)	1
118-1-0250					Nut - (Breeze Corp., Newark, N.J.)	1
119-1-0250					Ferrule - (Breeze Corp., Newark, N.J.)	1
61-78059-41					Conduit Assembly - Electrical flexible	1

(Part List No. 3182)

113-1-0250					Ferrule - (Breeze Corp., Newark, N.J.)	1
118-1-0250					Nut - (Breeze Corp., Newark, N.J.)	1
119-1-0250					Ferrule - (Breeze Corp., Newark, N.J.)	1
61-78059-43					Conduit Assembly - Electrical flexible	1
61-66131					Ferrule - Instrument light socket	1
2713C					Shell - (Cinch Mfg. Co., Chicago, Ill.)	1
2729					Plug - (Cinch Mfg. Co., Chicago, Ill.)	1
61-78059-44					Conduit Assembly - Electrical flexible	1

(Continued)

SECTION II

Equipment

Installation - Fuselage Electrical Equipment

(Part List No. 3182 Contd.)

Part No.	1	2	3	4	5	Qty. Req.
2713C					Shell - (Cinch Mfg. Corp., Chicago, Ill.)	1
2729					Plug - (Cinch Mfg. Co., Chicago, Ill.)	1
149532					Plug - (Sperry Gyroscope Co., Brooklyn, N.Y.)	1
150355					Ferrule - Sperry Gyroscope Co., Brooklyn, N.Y.)	1
61-78059-45					Conduit Assembly - Electrical flexible	1
VS110B-21-008					Spacer	1
61-66131					Ferrule - Instrument light socket	1
4-0375					Nut - (Breeze Corp., Newark, N.J.)	1
111-0375					Ferrule - (Breeze Corp., Newark, N.J.)	1
2713C					Shell - (Cinch Mfg. Co., Chicago, Ill.)	1
2734					Plug - (Cinch Mfg. Co., Chicago, Ill.)	1
61-78059-46					Conduit Assembly - Electrical flexible	1

(Part List No. 3183)

61-66126					Ring - Instrument panel light socket snap	1
61-78078					Body Assembly - Ammunition box light	1
61-78178					Socket Assembly - Insulated S.C. miniature	1
61-66127					Spacer - Instrument panel light socket	1
No.32					Terminal - (H.B. Sherman Mfg. Co., Battle Creek, Mich.)	1
4125725					Socket - (H. Cole-F. Hersee Co., Boston, Mass.)	1
61-78191					Insulator - Ammunition box light	1
113-1-0250					Ferrule - (Breeze Corp., Newark, N.J.)	1
118-1-0250					Nut - (Same as above)	1
119-1-0250					Ferrule - (Same as above)	1
61-78059-47					Conduit Assembly - Electrical flexible	1
61-66126					Ring - Instrument panel light socket snap	1
61-78078					Body Assembly - Ammunition box light	1
61-78178					Socket Assembly - Insulated S.C. miniature	1
61-66127					Spacer - Instrument panel light socket	1
No.32					Terminal - (H.B. Sherman Mfg. Co., Battle Creek, Mich.)	1
4125725					Socket - (H. Cole-F. Hersee Co., Boston, Mass.)	1
61-78191					Insulator - Ammunition box light	1
113-1-0250					Ferrule - (Breeze Corp., Newark, N.J.)	1
118-1-0250					Nut - (Same as above)	1
119-1-0250					Ferrule - (Same as above)	1
61-78059-55					Conduit Assembly - Electrical flexible	1

(Part List No. 3184)

61-78059-56					Conduit Assembly - Electrical flexible	1
113-1-0500					Ferrule - (Breeze Corp., Newark, N.J.)	1
118-1-0375					Nut - (Same as above)	1
119-1-0375					Ferrule - (Same as above)	1
61-78059-60					Conduit Assembly - Electrical flexible	1
4-0750					Nut - (Breeze Corp., Newark, N.J.)	1
111-0750					Ferrule - (Breeze Corp., Newark, N.J.)	1
113-1-0750					Ferrule - (Breeze Corp., Newark, N.J.)	1
61-78059-61					Conduit Assembly - Electrical flexible	1
61-78179					Sleeve - Flexible conduit attaching	1
61-78060-21					Conduit - Electrical rigid	1
61-78060-22					Conduit - Electrical rigid	1
61-78060-23					Conduit - Electrical rigid	1

(Continued)

SECTION IIEquipment
Installation - Fuselage Electrical Equipment

(Part List No. 3184 Contd.)

Part No.	1	2	3	4	5	Qty. Req.
61-78060-24	Conduit	-	Electrical rigid			1
61-78060-25	Conduit	-	Electrical rigid			1
61-78060-26	Conduit	-	Electrical rigid			1
61-78060-27	Conduit	-	Electrical rigid			1
61-78060-28	Conduit	-	Electrical rigid			1
61-78060-29	Conduit	-	Electrical rigid			1

(Part List No. 3185)

61-78060-31	Conduit	-	Electrical rigid			1
61-78060-32	Conduit	-	Electrical rigid			1
61-78060-33	Conduit	-	Electrical rigid			1
61-78060-34	Conduit	-	Electrical rigid			1
61-78060-35	Conduit	-	Electrical rigid			1
61-78060-36	Conduit	-	Electrical rigid			1
61-78060-37	Conduit	-	Electrical rigid			1
61-78060-38	Conduit	-	Electrical rigid			1
61-78060-44	Conduit	-	Electrical rigid			1
61-78060-45	Conduit	-	Electrical rigid			1
61-78060-46	Conduit	-	Electrical rigid			1
61-78060-47	Conduit	-	Electrical rigid			1
61-78060-48	Conduit	-	Electrical rigid			1
61-78060-55	Conduit	-	Electrical rigid			1
61-78061	Box Assembly	-	Landing gear warning cut-off switch			1
61-78061-2	Box	-	Landing gear warning cut-off switch			1
61-78142	Diagram	-	Landing gear warning cut-off switch			1
68A7-82	Nut	-	Plate - (Elastic Stop Nut Corp., Elizabeth, N.J.)			2
78-0375	Clamp	-	(Breeze Corp., Newark, N.J.)			2

(Part List No. 3186)

79-0375	Nut	-	(Breeze Corp., Newark, N.J.)			2
61-78062	Cover Assembly	-	Ldg. gear warning cut-off switch			1
61-78062-2	Cover	-	Ldg. gear warning cut-off switch			1
B2-RQ1	Switch	-	Micro (Microswitch Corp., Chicago, Ill.)			1
61-78064	Box Assembly	-	Ldg. gear warning throttle switch			1
61-78148	Spring	-	Ldg. gear warning throttle switch			1
B-RS	Switch	-	Micro (Microswitch Corp., Chicago, Ill.)			1
68A7-82	Nut	-	Plate (Elastic Stop Nut Corp., Elizabeth, N.J.)			2
78-0375	Clamp	-	(Breeze Corp., Newark, N.J.)			1
79-0375	Nut	-	(Breeze Corp., Newark, N.J.)			1
61-78065	Box Assembly	-	Monocoque electrical junction			1
61-78053-1	Panel Assembly	-	Center wing electrical junction box			1
VS80B7-13-032	Washer	-	Plain			16
61-78066	Box Assembly	-	Monocoque electrical junction riveted			1
61-78066-2	Box	-	Monocoque electrical junction riveted			1
68A27-82	Nut	-	Plate (Elastic Stop Nut Corp., Elizabeth, N.J.)			4
78-0375	Clamp	-	(Breeze Corp., Newark, N.J.)			3
78-0500	Clamp	-	(Breeze Corp., Newark, N.J.)			1
79-0375	Nut	-	(Breeze Corp., Newark, N.J.)			3
79-0500	Nut	-	(Breeze Corp., Newark, N.J.)			1

SECTION IIEquipment
Installation - Fuselage Electrical Equipment

(Part List No. 3187)

Part No.	1	2	3	4	5	Qty. Req.
61-78067					Cover - Monocoque electrical junction box	1
61-78075					Panel Assembly - Instrument lighting distribution	1
61-78074					Panel Assembly - Instrument lighting resistor	1
F177-3-1					Clip - (Breeze Corp., Newark, N.J.)	1
61-78159					Panel - Instrument lighting distribution	1
78-0250					Clamp - (Breeze Corp., Newark, N.J.)	2
78-0500					Clamp - (Same as above)	1
78-0750					Clamp - (Same as above)	1
79-0250					Nut - (Same as above)	2
79-0500					Nut - (Same as above)	1
79-0750					Nut - (Same as above)	1
#1110					Spring - (Cinch Mfg. Corp., Chicago, Ill.)	13
#2624					Socket - (Same as above)	10

(Part List No. 3188)

#2629					Socket - (Cinch Mfg. Co., Chicago, Ill.)	10
#2634					Socket - (Cinch Mfg. Co., Chicago, Ill.)	1
61-78070					Bracket Assembly - Tail wheel position indicator rear pulley	1
61-78077					Bracket Assembly - Tail wheel position indicator front pulley	1
61-78082					Arm Assembly - Tail wheel position indicator	1
61-78082-2					Arm - Tail wheel position indicator	1
61-78082-3					Bearing - Tail wheel position indicator arm	1
61-78083-1					Lever Assembly - Tail wheel position indicator	1
61-78083-3					Lever - Tail wheel position indicator	1
R.S.L.					Rotor Shaftlock - (National Co., Malden, Mass.)	1
61-78083-2					Lever Assembly - Tail wheel position indicator	1
61-78083-4					Lever - Tail wheel position indicator	1
R.S.L.					Rotor Shaftlock - (National Co., Malden, Mass.)	1
61-78084					Collar - 1/2 conduit	1
61-78085					Collar - 5/8 conduit	1
61-78131					Lever Assembly - Tail wheel lock signal	1
61-78131-2					Lever - Tail wheel lock signal	1
61-78133					Cover Assembly - Tail wheel signal switch box	1
61-78140					Diagram - Tail wheel signal switch box	1
61-78138					Stud - Tail wheel signal lever	1

(Part List No. 3189)

61-78146					Cover Assembly - Landing gear warning throttle switch	1
61-78150					Diagram - Landing gear warning throttle switch box wiring	1
61-78163					Link Assembly - Tail wheel position indicator	1
VS110D-14-003					Spacer	2
61-78164					Cable Assembly - Tail wheel position indicator	1
61-78169					Reflector - Ammunition box light	2
PL2716-1					Tray Assembly - Battery	1
VS15S-10-17					Screw - Button head	1
VS21-8-7					Screw - 100° recessed flat head	3
VS80-10-12-037					Washer - Plain	1
VS110S24-018					Spacer	4
VS121-S47-016					Spacer - Bearing	1
VS149-3					Clip - Conduit	2
VS149-6					Clip - Conduit	7

(Continued)

SECTION IIEquipment
Installation - Fuselage Electrical Equipment

(Part List No. 3189 Contd.)

Part No.	1	2	3	4	5	Qty. Req.
VS149-8	Clip	-	Conduit			6
VS149-10	Clip	-	Conduit			4
VS149-12	Clip	-	Conduit			2
VS149-16	Clip	-	Conduit			4
VS149-18	Clip	-	Conduit			1
VS149-20	Clip	-	Conduit			3

(Part List No. 3190)

VS149-28	Clip	-	Conduit			2
VS149-32	Clip	-	Conduit			1
WKAL-3/8ACN	Shell	-	(Cannon Electrical Development Co., Los Angeles, Calif.)			1
SKCL-1/2ACN	Shell	-	(Cannon Electrical Development Co., Los Angeles, Calif.)			1
SK-CL 5/8	Shell	-	(Cannon Electrical Development Co., Los Angeles, Calif.)			1
GKAL-3/4 BN	Shell	-	(Cannon Electrical Development Co., Los Angeles, Calif.)			1
FKAL-1ACN	Shell	-	(Cannon Electrical Development Co., Los Angeles, Calif.)			1
SKL3-32SL	Plug	-	(Cannon Electrical Development Co., Los Angeles, Calif.)			1
FKV3-32SL	Plug	-	(Cannon Electrical Development Co., Los Angeles, Calif.)			1
GK-C3-32SL	Plug	-	(Cannon Electrical Development Co., Los Angeles, Calif.)			1
T-3-1/4 12-16V	Lamp	-	(Westinghouse, Pittsburg, Pa.)			22
4-0750	Nut	-	(Breeze Corp., Newark, N.J.)			1
WK-4-32SL	Plug	-	(Cannon Electrical Development Co., Los Angeles, Calif.)			1
T-4-1/2						
12-16V2CP	Lamp	-	(Westinghouse, Pittsburg, Pa.)			4
6-1000	Nut	-	(Breeze Corp., Newark, N.J.)			1
G.E.8TJ9PWAH	Transmitter	-	(General Electric Co., Schnectady, N.Y.)			1
K-16-1807	Horn	-	Warning model 16 (Delco-Remy, Anderson, Indiana)			1
21-0375-6	Coupling	-	(Breeze Corp., Newark, N.J.)			1
26-0375	Cone	-	(Breeze Corp., Newark, N.J.)			2
26-0376	Collar	-	Conduit (Breeze Corp., Newark, N.J.)			1

(Part List No. 3191)

26-0750	Collar	-	(Breeze Corp., Newark, N.J.)			1
26-1000	Collar	-	(Same as above)			3
28-1000	Connector	-	(Same as above)			1
SK-CL-32SL	Plug	-	(Cannon Elec. Dev. Co., Los Angeles, Calif.)			1
L59-4	Lead Assembly	-	Thermocouple (Lewis Engineering Co., Naugatuck, Conn.)			1
L59-5	Lead Assembly	-	Thermocouple (Same as above)			1
61-1-0375	Nut	-	(Breeze Corp., Newark, N.J.)			1
70-0375	Nut	-	(Same as above)			4
79-0500	Nut	-	(Same as above)			2
79-1000	Nut	-	(Same as above)			2
81-0375	Union	-	(Same as above)			2
81-0500	Union	-	(Same as above)			1
81-1000	Union	-	(Same as above)			1
#104	Spring	-	(Calif. Spring Co., Los Angeles, Calif.)			1
118-1-0375	Nut	-	(Breeze Corp., Newark, N.J.)			3
118-1-0500	Nut	-	(Same as above)			1
118-1-0625	Nut	-	(Same as above)			1
118-1-1000	Nut	-	(Same as above)			1
#203	Washer	-	Fiber (P.R. Mallory & Co., Indianapolis, Ind.)			2
320 Model 2	Panel	-	Generator control (Eclipse Aviation Co., East Orange, N.J.)			1

SECTION II

Equipment

Installation - Fuselage Electrical Equipment

(Part List No. 3192)

Part No.	1	2	3	4	5	Qty. Req.
349 Model 2					Filter - Generator (Eclipse Aviation Co., East Orange, N.J.)	1
U-1070-N					Solenoid - (United Aircraft Products, Inc., Dayton, Ohio)	1
B111745X					Jack Plug - (P.R. Mallory & Co., Indianapolis, Indiana)	2

Installation - Engine Section Electrical

(Part List No. 3193)

61-78201	Installation - Engine section electrical	1
61-78020	Bracket Assembly - Booster coil mounting	1
VS150A1310	Clamp - Tube	1
61-78024	Box Assembly - Fuel pressure warning unit junction	1
61-78106	Insulator - One post terminal	1
VS10S10-32	Screw - Round head	2
VS80-B7-13-.032	Washer - Plain	3
VS80-6-11-062	Washer - Plain	4
68A7-02	Nut - Anchor (Elastic Stop Nut Corp., Elizabeth, N.J.)	2
68A7-82	Nut - Anchor (Same as above)	2
#78-0375	Clamp - (Breeze Corp., Newark, N.J.)	3
#79-0375	Nut - (Same as above)	3
#160-01	Unit - Fuel pressure warning (Kollsman Instrument Co., Elmhurst, N.Y.)	1
#78-0625	Clamp - (Breeze Corp., Newark, N.J.)	1
79-0625	Nut - (Same as above)	1
61-78025	Cover Assembly - Fuel pressure warning unit junction box	1
61-78202	Diagram - Fuel pressure warning unit junction box wiring	1
61-78059-16	Conduit Assembly - Electrical flexible	1
VSD1000-20	Terminal Assembly - Electrical	1
VSD1000-21	Terminal Assembly - Electrical	1
4-0276	Nut - (Breeze Corp., Newark, N.J.)	2

(Part List No. 3194)

111-0375	Ferrule - (Breeze Corp., Newark, N.J.)	2
143-0375-10	Elbow - (Same as above)	1
61-78059-27	Conduit Assembly - Elect. flex.	1
118-1-0750	Nut - (Breeze Corp., Newark, N.J.)	1
119-1-0750	Ferrule - (Same as above)	1
111-0750	Ferrule - (Same as above)	1
4-0750	Nut - (Same as above)	1
GK-C3-21-3/4AC	Plug - (Cannon Elect. Dev. Co., Los Angeles, Calif.)	1
61-78059-30	Conduit Assembly - Elect. flex.	1
113-1-0375	Ferrule - (Breeze Corp., Newark, N.J.)	1
118-1-0375	Nut - (Same as above)	1
119-1-0375	Ferrule - (Same as above)	1
AC37A2323	Plug - (Same as above)	1
AC38B1555-3	Elbow Assembly - Electrical connector	1
61-78059-31	Conduit Assembly - Elect. flexible	1
113-1-0375	Ferrule - (Breeze Corp., Newark, N.J.)	1

(Continued)

SECTION IIEquipment
Installation - Engine Section Electrical

(Part List No. 3194 Contd.)

Part No.	1	2	3	4	5	Qty. Req.
118-1-0375					Nut - (Breeze Corp., Newark, N.J.)	1
119-1-0375					Ferrule - (Same as above)	1
AC37A2323					Plug - Same as above)	1
AC38B1555-3					Elbow Assembly - Electrical connector	1
61-78059-32					Conduit Assembly - Electrical flexible	1
113-1-0625					Ferrule - (Breeze Corp., Newark, N.J.)	1

(Part List No. 3195)

118-1-0625					Nut - (Breeze Corp., Newark, N.J.)	1
119-1-0625					Ferrule - (Breeze Corp., Newark, N.J.)	1
SK-C6-21-5/8AC					Plug - (Cannon Electrical Development Co., Los Angeles, Calif.)	1
61-78029-33					Conduit Assembly - Electrical flexible	1
113-1-1250					Ferrule - (Breeze Corp., Newark, N.J.)	1
118-1-1250					Nut - (Breeze Corp., Newark, N.J.)	1
119-1-1250					Ferrule - (Same as above)	1
FK-V3-21-1-1/4AC					Plug - (Cannon Electrical Development Co., Los Angeles, Calif.)	1
61-78059-34					Conduit Assembly - Electrical flexible	1
118-1-0500					Nut - Breeze Corp., Newark, N.J.)	2
119-1-0500					Ferrule - (Same as above)	2
61-78059-35					Conduit Assembly - Electrical flexible	1
4-0376					Nut - (Breeze Corp., Newark, N.J.)	1
111-0375					Ferrule - (Breeze Corp., Newark, N.J.)	1
113-1-0375					Ferrule - (Same as above)	1
61-78059-36					Conduit Assembly - Electrical flexible	1
61-78224					Washer - Magneto conduit adapter	1
4-0251					Nut - (Breeze Corp., Newark, N.J.)	1
111-0250					Ferrule - (Breeze Corp., Newark, N.J.)	2
3821-2					Nut - (Same as above)	1

(Part List No. 3196)

61-78059-37					Conduit Assembly - Electrical flexible	1
61-78224					Washer - Magneto conduit adapter	1
4-0251					Nut - (Breeze Corp., Newark, N.J.)	1
111-0250					Ferrule - (Same as above)	2
3821-2					Nut - (Same as above)	1
61-78059-38					Conduit Assembly - Electrical flexible	1
4-0376					Nut - (Breeze Corp., Newark, N.J.)	1
111-0375					Ferrule - (Same as above)	1
118-1-0375					Nut - (Same as above)	1
119-1-0375					Ferrule - (Same as above)	1
SK-L3-21-3/8AC					Plug - (Cannon Electrical Development Co., Los Angeles, Calif.)	1
61-78222					List - Engine section electrical material	1
VS149-3					Clip - Conduit	6
VS149-8					Clip - Conduit	4
VS149-12					Clip - Conduit	2
VS149-14					Clip - Conduit	2
VS149-24					Clip - Conduit	4
VS149-26					Clip - Conduit	1
VS149-28					Clip - Conduit	1
VS150A1310					Clamp - Tube	1

RESTRICTED

T. O. No. 0-1000-1-1

SECTION II

Equipment
Installation - Engine Section Electrical

(Part List No. 3197)

Part No.	1	2	3	4	5	Qty. Req.
VS314-1415-600	Connector Assembly - Bonding					2
8T 172	Thermocouple - (Lewis Engineering Co., Naugatuck, Conn.)					1
11M-2095-G	Starter - Electrical inertia (Eclipse Aviation Corp., Bendix, N.J.)					1
L58-5	Thermocouple - (Lewis Engineering Co., Naugatuck, Conn.)					1
L58-6	Thermocouple - (Same as above)					1
148-1-0250	Y - Coupling (Breeze Corp., Newark, N.J.)					2
133-0500-10	Elbow - (Breeze Corp., Newark, N.J.)					1
310 Mod. #9	Generator - (Eclipse Aviation Corp., Bendix, N.J.)					1
499 Mod. #12	Starter - Meshing solenoid (Eclipse Aviation Corp., Bendix, N.J.)					1
512 Mod. #3	Coil - Booster (Eclipse Aviation Corp., Bendix, N.J.)					1
#78-1250	Clamp - (Breeze Corp., Newark, N.J.)					2
VS314-1010-316	Connector Assembly - Bonding					1
#79-1250	Nut - (Breeze Corp., Newark, N.J.)					1

Installation - Handling Gear

(Part List No. 3198)

61-79001	Installation - Handling gear	*
61-79002	Sling Assembly - Hoist	*
61-06113	Fitting - Jacking cone	*

*Quantity per Contract, 2.

Installation - Radio Equipment

(Part List No. 3199)

61-95001	Installation - Radio equipment	1
61-95014	Antenna Assembly - Command radio	2
61-95015	Lead-in Assembly - Antenna	1
#1221	Insulator - Strain (American Lava Co., Chattanooga, Tenn.)	1
61-95236	Shield Assembly - Radio lead-in	1
61-95114	Seal - Antenna	1
61-95115	Ring - Antenna seal retainer	1
61-95201	Installation - Automatic loop antenna	2
61-31716	Spacer - Bolt special	2
VS19-8-10	Screw	1
VS80D-8-12	Washer	1
C57898	Dehydrator - (Bendix Aviation Co., South Bend, Ind.) (Govt. furn.)	1
VS149-8	Clip	3
VS149-10	Clip	3
#1221	Insulator - Strain (American Lava Co., Chattanooga, Tenn.)	1
VS21-6-8	Screw	4

RESTRICTED

SECTION IIEquipment
Installation - Radio Equipment Fuselage

(Part List No 3200)

Part No.	1	2	3	4	5	Qty. Req.
61-95101	Installation - Radio equipment fuselage					1
61-95135	Bracket Assembly - Antenna pulley					1
61-95206	Box Assembly - R.C.A. AVT-7B1 transmitter remote control mounting					1
68A27-82	Nut - Plate (Elastic Stop Nut Corp., Elizabeth, N.J.)					4
61-95207	Cover Assembly - R.C.A. AVT-7B1 transmitter remote control mounting					1
61-95208	Diagram - R.C.A. AVT-7B1 transmitter remote control wiring					1
61-95220	Box Assembly - Radio junction					1
61-95234	Bus - Radio junction box terminal					1
28-0376	Connector - (Breeze Corp., Newark., N.J.)					1
28-0500	Connector - (Same as above)					2
28-0625	Connector - (Same as above)					5
6-0312	Nut - (Same as above)					1
6-0500	Nut - (Same as above)					2
6-0625	Nut - (Same as above)					5
61-95228	Panel Assembly - Radio controls					1
61-95223	Panel Assembly - Radio feed junction box terminal					1
VS80B7-13-032	Washer					1
61-95224	Insulator - Radio feed junction box terminal					1
61-95225-1	Box Assembly - Radio feed junction					1
61-95225-4	Box - Radio feed junction					1

(Part List No. 3201)

6-0500	Nut - Lock (Breeze Corp., Newark, N.J.)	1
28-0500	Connector - Box (Breeze Corp., Newark, N.J.)	1
68A27-82	Nut - Plate (Elastic Stop Nut Corp., Elizabeth, N.J.)	2
78-0500	Clamp - (Breeze Corp., Newark, N.J.)	1
79-0500	Nut - (Same as above)	1
#1095	Fuse - (Littlefuse Inc., Chicago, Ill. 10 amp.	2
#1212-B	Post - Extractor (Littlefuse Inc., Chicago, Ill.)	1
#1217	Clip - Littlefuse Inc., Chicago, Ill.)	2
VS80B-7-13-032	Washer	3
61-95231	Installation - Radio receiver support	1
VS110D-36-106	Spacer	4
61-95235	Cable Assembly - Radio junction box to R.C.A. transmitter	1
A 86	Terminal - (Thomas Betts & Co., Elizabeth, N.J.)	2
#309	Plug - Microphone (Western Electrical Co., Chicago, Ill.)	1
61-95209	Plate - Bendix MN-31A tuning meter mounting	1
61-95230	Shelf - Radio transmitter & loop control mounting	1
61-95232	Strip - Radio junction box bonding	1
61-95233	Strip - Radio bonding	1
63-70126	Spring - Brake interconnecting cable	2
A04040	Clip - Oxygen low pressure tube	2

(Part List No. 3202)

VS80-16-11-.050	Washer	8
VS80-16-13-.050	Washer	12
VS80-16-17-.050	Washer	4
VS110-13D-05	Spacer	4
VS110D-36-18	Spacer	4
VS269-620	Section - Elastic	1
No No.	Calibration Card (R.C.A., Camden, N.J.)	1
No No.	Remote Control (R.C.A., Camden, N.J.)	1

(Continued)

SECTION IIEquipment
Installation - Radio Equipment Fuselage

(Part List No. 3202 Contd.)

Part No.	1	2	3	4	5	Qty. Req.
No No.					Card Holder (R.C.A., Camden, N.J.)	1
TA-6A					Transmitter - (Bendix Aviation Corp., South Bend, Ind.)	1
AVT-7B1					Power Unit (R.C.A., Camden, N.J.)	1
AVT-7B1					Transmitter - (Same as above)	1
MS-14C					Junction - (Bendix Aviation Corp., South Bend, Ind.)	1
MN-26H					Compass Receiver - (Same as above)	1
MN-28E					Remote Control - (Same as above)	1
MN-31A					Loop Control Unit - (Same as above)	1
MT-31A					Tuning Meter - (Same as above)	1
MS-80A					Remote Control - (Same as above)	1
MT-81A					Microphone - (Same as above)	1
Mod. AA125-						
C-200 MA					Milliammeter - (R.C.A., Camden, N.J.)	1
M1-5802-D					Microphone - (R.C.A., Camden, N.J.)	1
61-95238					Insulator - Transmitter to rec. antenna lead	1

Installation - Center Wing Panel Electrical Equipment

(Part List No. 3203)

61-78301	Installation - Center wing panel electrical equipment	1
61-78010-2	Receptacle Control Stick & Stick Socket Electrical Connector	1
61-78013	Arm Assembly - Landing gear position transmitter	2
61-78016	Lever Assembly - Landing gear indicator switch LH	1
61-78016-1	Lever Assembly - Landing gear indicator switch RH	1
61-78015	Spring - Indicator switch lever	2
61-78017	Support Assembly - Landing gear downlock switch LH	1
61-78017-1	Support Assembly - Landing gear downlock switch RH	1
61-78019	Bushing - Landing gear switch lever	2
61-78021	Box Assembly - Landing gear lockdown switch complete LH	1
61-78021-1	Box Assembly - Landing gear lockdown switch complete RH	1
61-78018	Box Assembly - Landing gear lockdown switch LH	1
61-78018-1	Box Assembly - Landing gear lockdown switch RH	1
68A27-82	Nut - Plate (Elastic Stop Nut Corp., Elizabeth, N.J.)	2
B-RL	Switch - (Micro-Switch Corp., Freemont, Ill.)	2
78-0375	Clamp - (Breeze Corp., Newark, N.J.)	2
78-0500	Clamp - (Same as above)	4
79-0375	Nut - (Same as above)	2
79-0500	Nut - (Elastic Stop Nut Corp., Elizabeth, N.J.)	4
61-78030	Box Assembly - LH center section outboard junction	1

(Part List No. 3204)

GK-C8-32SL	Plug - (Cannon Elec. Dev. Co., Los Angeles, Calif.)	1
68A27-82	Nut - Stop (Elastic Stop Nut Corp., Elizabeth, N.J.)	4
78-0375	Clamp - (Breeze Corp., Newark, N.J.)	2
78-0500	Clamp - (Same as above)	1
78-1000	Clamp - (Same as above)	1
79-0375	Nut - (Same as above)	2
79-0500	Nut - (Same as above)	1

(Continued)

SECTION IIEquipment
Installation - Center Wing Panel Electrical Equipment

(Part List No. 3204 Contd.)

Part No.	1	2	3	4	5	Qty. Req.
79-1000					Nut - (Breeze Corp., Newark, N.J.)	1
61-78031-1					Cover Assembly - Center section outboard electrical junction box	1
61-78044					Link Assembly - Flap position transmitter connecting	1
61-78059-5					Conduit Assembly - Electrical flexible	1
61-78059-7					Conduit Assembly - Electrical flexible	1
61-78059-8					Conduit Assembly - Electrical flexible	1
61-78059-12					Conduit Assembly - Electrical flexible	1
61-78059-15					Conduit Assembly - Electrical flexible	1
61-78059-24					Conduit Assembly - Electrical flexible	1
61-78059-51					Conduit Assembly - Electrical flexible	1
61-78059-52					Conduit Assembly - Electrical flexible	1
63-78059-53					Conduit Assembly - Electrical flexible	1
61-78059-54					Conduit Assembly - Electrical flexible	1

(Part List No. 3205)

61-78060-5	Conduit - Electrical rigid	1
61-78060-6	Conduit - Electrical rigid	1
61-78060-8	Conduit - Electrical rigid	1
61-78060-9	Conduit - Electrical rigid	1
61-78060-10	Conduit - Electrical rigid	1
61-78060-11	Conduit - Electrical rigid	1
61-78060-15	Conduit - Electrical rigid	1
61-78060-16	Conduit - Electrical rigid	1
61-78060-17	Conduit - Electrical rigid	1
61-78060-41	Conduit - Electrical rigid	1
61-78060-42	Conduit - Electrical rigid	1
61-78060-43	Conduit - Electrical rigid	1
61-78081	Box Assembly - RH center section outboard junction	1
61-78081-3	Box Assembly - RH center section outboard junction	1
61-78032	Panel Assembly - Center section outboard electrical junction box	1
61-78303	Panel - Center section outboard electrical junction box	1
WKL-329L	Plug - (Cannon Elec. Dev. Co., Los Angeles, Calif.)	1
78-0375	Clamp - (Breeze Corp., Newark, N.J.)	3
78-0500	Clamp - (Same as above)	1
78-1000	Clamp - (Same as above)	1

(Part List No. 3206)

79-0375	Nut - (Breeze Corp., Newark, N.J.)	3
79-0500	Nut - (Same as above)	1
79-1000	Nut - (Same as above)	1
61-78103	Bracket - Landing gear position transmitter LH	1
61-78103-1	Bracket - Landing gear position transmitter RH	1
61-78104	Clamp Assembly - Landing gear position transmitter	2
61-78105	Link - Landing gear position transmitter	2
61-78305	Bracket Assembly - Outside air temperature bulb	1
61-78307	Spacer - Center section outboard electrical junction box	2
61-78308	Grommet - Air temperature bulb mounting	1
61-78310-1	Cover Assembly - Landing gear lockdown switch box	1
61-78310-2	Cover Assembly - Landing gear lockdown switch box	1
61-78320	Arm - Position transmitter	1
61-78323	Brace - Switch arm pivot LH	1
61-78323-1	Brace - Switch arm pivot RH	1

(Continued)

SECTION IIEquipment
Installation - Center Wing Panel Electrical Equipment

(Part List No. 3206 Contd.)

Part No.	1	2	3	4	5	Qty Req.
61-78324					Box Assembly - Landing gear up-lock signal LH	1
61-78324-1					Box Assembly - Landing gear up-lock signal RH	1
YZ-RQ1					Switch - (Micro-switch Corp., Freeport, Ill.)	2
#8C443					Bolt - Spade (Wainco Mfg. Co., Chicago, Ill.)	4
78-0375					Clamp - (Breeze Corp., Newark, N.J.)	2

(Part List No. 3207)

79-0375					Nut - (Breeze Corp., Newark, N.J.)	2
61-78325-1					Cover Assembly - Landing gear up-lock signal switch box	1
61-78325-2					Cover Assembly - Landing gear up-lock signal switch box	1
61-78502					Bracket - Flap position transmitter support	1
VS149-6					Clip - Conduit	2
VS149-8					Clip - Conduit	2
VS149-10					Clip - Conduit	7
VS149-16					Clip - Conduit	14
FKCL-1ACN					Shell	2
8TJ9WAH					Transmitter - (General Electrical, Schenectady, N.Y.)	3
FK-V21-32SL					Plug - (Cannon Elec. Dev. Co., Los Angeles, Calif.)	2
62-1000					Collar - (Breeze Corp., Newark, N.J.)	2
79-0375					Nut - (Same as above)	6
79-0500					Nut - (Same as above)	4
79-1000					Nut - (Same as above)	8
81-0375					Union - (Same as above)	3
81-0500					Union - (Same as above)	2
81-1000					Union - (Same as above)	4
118-1-1000					Nut - Coupling (Same as above)	2
#1128					Lockwasher - (Shakeproof Lockwasher Co., Chicago, Ill.)	1
D79828					Bulb - Temperature (Weston Electrical Co., Newark, N.J.)	1

SECTION II

Armament

Installation - Armament

(Part List No. 3208)

Part No.	1	2	3	4	5	Qty. Req.
61-86001	Installation - Armament					1
61-87002	Installation - 50 caliber synchronized guns					1
P13081-21	Unit Assembly - Synchronized gun impulse					2
51-87010	Cap Assembly - Synchronized gun impulse unit					1
51-87105	Coupling - Synchronized gun impulse unit cap					2
61-87103	Cap - Synchronizer end					1
61-34110	Plate Assembly - Inner ring gun seal LH					1
61-34110-1	Plate Assembly - Inner ring gun seal RH					1
79HA1-02	Nut - Plate (Elastic Stop Nut Corp., Elizabeth, N. J.)					8
61-87012	Fairing Assembly - Synchronized gun blast tube adjusting					2
79HA5S-02	Nut - Stop (Elastic Stop Nut Corp., Elizabeth, N. J.)					4
61-87013	Tube Assembly - Synchronized gun blast					2
61-87104	Bushing - Synchronized gun blast tube front seal					2
D12820-7	Tube - Synchronized gun blast					2
61-87014	Clamp Assembly - Synchronized gun blast tube support					2
VS150A166	Clamp - Tube					1
61-87131	Channel Assembly - Top pan inboard support RH					1
61-87134	Collar Assembly - 50 caliber synchronized gun blast tube					2
61-87135	Chute Assembly - Synchronized gun case & link ejection					1
A12429	Clip - Synchronized gun case & link ejection chute					4

(Part List No. 3209)

61-87210	Chute Assembly - 50 caliber synchronized gun link ejection LH	1
A12429	Clip - Synchronized gun case & link ejection chute	1
61-87210-1	Chute Assembly - 50 caliber synchronized gun link ejection RH	1
A12429	Clip - Synchronized gun case & link ejection chute	1
61-87211	Box Assembly - Synchronized gun ammunition LH	1
61-87211-1	Box Assembly - Synchronized gun ammunition RH	1
61-87214	Handle - Synchronized gun ammunition box	2
61-87105	Shaft - Synchronized gun ammunition box handle	8
61-87037	Clip - Synchronized 50 caliber gun ammunition box handle	2
61-87212	Chute Assembly - 50 caliber synchronized gun case ejection LH	1
61-87212-1	Chute Assembly - 50 caliber synchronized gun case ejection RH	1
A12429	Clip - Synchronized gun case & link ejection chute	4
61-87213	Chute Assembly - Synchronized gun ammunition box top pan & feed LH	1
61-87213-1	Chute Assembly - Synchronized gun ammunition box top pan & feed RH	1
VS285-090-328	Pin - Hinge	2
VS285-090-428	Pin - Hinge	2
VS285-090-508	Pin - Hinge	2
61-87215	Solenoid Assembly - Synchronized gun control	2
B12816	Bracket - Synchronized gun blast tube support clamp	2

(Part List No. 3210)

51-87109	Bolt - Gun sight adjusting	2
51-87110	Tube - Synchronized gun sight adjustment	1
61-34111	Seal - Inner ring gun LH	1
61-34111-1	Seal - Inner ring gun RH	1
61-87109	Reflector - Gun sight image	1
61-87111	Bushing - Gun sight image reflector	4
61-87112-2	Screw - Pilot's gun sight reflector mounting	2
61-87112-3	Screw - Pilot's gun sight reflector mounting	2
61-87129	Retainer - Synchronized gun impulse tube seal	2
61-87130	Seal - Synchronized gun impulse tube LH	2
61-87130-1	Seal - Synchronized gun impulse tube RH	2
61-86133	Block - 50 caliber synchronized gun rear post mounting	2
VS80-N-8-13-.031	Washer	8

(Continued)

SECTION II

Armament
Installation - Armament
(Part List No. 3210 Contd.)

<u>Part No.</u>	1	2	3	4	5	<u>Qty.</u> <u>Req.</u>
VS150A166					Clamp - Tube	2
Type S.T.-1A					Sight Assembly - Fixed gun (Air Associates Inc., Glendale, Calif.)	1
61-94002					Installation - 30 caliber wing guns	1
61-87809					Installation - Wing gun charging control	1
61-06176					Instrument - Wing gun charging cable inboard pulley bracket	1
VS110D-2-24					Spacer	3
61-94033-1					Cable Assembly - Wing gun operating mechanism LH	1
61-94033-2					Cable Assembly - Wing gun operating mechanism LH	1
61-94033-13					Cable Assembly - Wing gun operating mechanism RH	1

(Part List No. 3211)

61-94033-20					Cable Assembly - Wing gun operating mechanism RH	1
VS361-2					Terminal - Swaged class B	4
61-94040					Link - Wing gun operating mechanism	8
72-87043					Handle Assembly - Gun charging	4
72-87044-1					Spring - Wing gun operating mechanism cable stowage	4
VS110D13-24					Spacer	2
VS110D24-7					Spacer	4
VS110D24-14					Spacer	4
VS15N6-18					Screw - Button head	2
61-94174					Spring - Wing gun charging cable stowage	4
61-87819					Chute Assembly - Wing outer gun feed LH	1
61-87822-1					Bracket - Outer & inner wing gun feed	1
61-87822-2					Bracket - Outer & inner wing gun feed	1
61-87819-1					Chute Assembly - Wing outer gun feed RH	1
61-87822-1					Bracket - Outer & inner wing gun feed	1
61-87822-2					Bracket - Outer & inner wing gun feed	1

(Part List No. 3212)

61-87820					Chute Assembly - Wing inner gun feed LH	1
61-87821					Angle - Outer wing gun feed attaching LH	1
61-87820-1					Chute Assembly - Wing inner gun feed RH	1
61-87821-1					Angle - Outer wing gun feed attaching RH	1
61-87822-2					Bracket - Outer & inner wing gun feed	2
61-94165-1					Tube Assembly - Wing gun blast	2
61-94163					Spring - Wing gun blast tube	2
61-94165-2					Tube Assembly - Wing gun blast	2
61-94163					Spring - Wing gun blast tube	2
61-94168					Box Assembly - Wing guns ammunition	2
61-87827					Latch Assembly - Wing gun ammunition box	2
61-87830					Pin Assembly - Wing gun ammunition latch LH	2
61-87830-1					Pin Assembly - Wing gun ammunition box latch RH	2
61-87828					Channel - Wing gun ammunition latch	2
61-87829					Spring - Wing gun ammunition box latch	2
61-94166					Bracket - Wing guns ammunition box handle	4
61-94167					Handle - Wing gun ammunition box	4
61-94172					Corner - Wing gun ammunition box	2
VS15N-8-9					Screw - Button head	4
VS285-090-1400					Pin - Hinge	2

SECTION IIArmament
Installation - Armament

(Part List No. 3213)

Part No.	1	2	3	4	5	Qty. Req.
VS402-625					Section - Hat	2
VS402-705					Section - Hat	2
VS402-708					Section - Hat	2
VS402-718					Section - Hat	2
72-87012					Post Assembly - Wing gun mounting rear	4
72-87020					Post - Wing gun mounting rear	4
72-87027-500					Chute Assembly - Wing gun case & line ejection LH	2
72-87027-501					Chute Assembly - Wing gun case & line ejection RH	2
61-87038					Clip - Wing gun ejection chute support	16
61-87823					Angle - Wing gun feed chute sta. 99-3/8 LH	1
61-87823-1					Angle - Wing gun feed chute sta. 99-3/8 RH	1
61-87824					Angle - Wing gun feed chute sta. 108.843	2
61-87831-1					Slide - Wing gun ammunition box	2
61-87831-2					Slide - Wing gun ammunition box	2
61-94161					Cradle - Wing guns	4
D-12000-6					Post - Fixed gun trunnion	4
37B2301					Solenoid Assembly - Type C-4B	2
37B2301-1					Solenoid Assembly - Type C-4B	2

SECTION III

NUMERICAL PARTS LIST - P-66 AIRPLANE

Part No.	Assembly Part List	Part No.	Assembly Part List	Part No.	Assembly Part List
No No.	3202	4-0375	3182	8DJ4-PWM	3159
No No.	3202	4-0376	3193	8-4-6JTD	3161
No No.	3176		3195	#8-4-6-4	3093
No No.	3107		3196	#8-6CCCT-D	3093
No No.	3166	4-0750	3181	RRT-S-8-6-6	3093
No No.	3202		3190	G.E.8TJ9PWAH	3207
No No.	3202		3194		3190
No No.	3166	4-0750P	3184	GK-C8-32SL	3204
B-RL	3203	4-1000	3180	8T-172	3197
B-RS	3186	4HLC314OPN	3163	GT-9	3040
R.S.L.	3188	T-4-1/2 12V2CP	3190	AN9-16	3090
WKAL-3/8 ACN	3190	#RBC-5	3104		3125
SKCL-1/2 ACN	3190	#5-CCCT-5	3033		3109
SK-CL5/8	3190	AN5-7A	3062	B9-939-1A	3038
GKAL-3/4 BN	3190	AN5-10A	3062	9-2539-6A	3078
#1	3064	FA5-35	3072	9-3039-4-S	3081
B-1	3168	FA5-35	3074	9-3039-6	3036
BZ-RQ1	3178		3075	VS10S10-32	3193
FKCL-1ACN	3207		3076	AN-10-17	3128
FKAL-1ACN	3190		3077	#10-21660	3176
Type S.T.-1A	3210	FA5-40	3130	#11-939-13	3040
YZ-RQ1	3206	FA5-40	3074	11-1039-1-5D	3158
1-1741	3040	FA5-45	3024	11M-2095-G	3197
M1-5802-D	3202	GF5-175	*	VS12-11	3115
A-2	3166	GF6 1/2-25D	3129	VS12-12	3115
GT2	3040	S5-300	3074	VS12-15	3115
	3127		3077	VS12-16	3090
	3163	S5-325	3024	AN12-21	3128
B2-RQ1	3186		3072	11-1039-1-10D	3158
K3A	3060	S5-375	3075	VS12-22	3165
K3L-2	3082	5-2339-10	3172	MS-140	3202
REB3N-2	*	TA-6A	3202	GT-15	3040
AN3-10A	3055	6-6-4JT-D	3093		3094
SK-L3-21-3/8AC	3196	Type G-6 6CP12-			3125
GK-C3-21-3/4AC	3194	16V	3067		3155
FK-VS-21-		SK-C6-21-5/8AC	3195	VS15N6-18	3211
1-1/4AC	3195	WK-6-23-1/2	3180	VS15N-8-6	3076
FKV3-32SL	3190		3181	VS15N8-7	3081
GK-C3-32SL	3190	6-0312	3200	VS15N-8-8	3076
SKL3-32SL	3190	S6-425	3131	VS15N8-9	3212
T-3-1/4 12-16V	3190	6-0500	3200	VS15N-8-11	3119
BCU4	3148		3201	VS15N8-16	3114
D4	3032	6-0625	3200	VS15N-10-10	3066
	3064	6-1000	3180	VS15S10-10	3114
GT4	3090		3190	VS15S-10-17	3189
REL4F5	3150	FA6-1/2-45	3129	GT-16	3039
AN4-6A	3061	FA6-1/2-55	3129	16-HLC	3040
AN4-10A	3062	GT-7	3040	K-16-1807	3190
#4H10	3151		3125	17ATS-3R	3159
WK4-21-3/8	3053		3155	GT-18	3039
WK4-23-3/8AC	3067		3163	VS19-8-6	3077
WK-4-32SL	3205	AVT-7B1	3202	VS19-8-8	3071
	3174	AVT-7B1	3202		3077
	3190	#7-2539	3036	VS19-8-10	3058
4HLC45°3142PN	3163		3158		3199
4-0251	3195	#7-2539C	3081	VS19-10-8	3027
	3196	#7-2539-Type			3165
		1-4D	3158		

* Page numbers omitted due to multiplicity.

RESTRICTED

T. O. No. 01-50FA-4

SECTION III

NUMERICAL PARTS LIST - P-66 AIRPLANE

Part No.	Assembly Part List	Part No.	Assembly Part List	Part No.	Assembly Part List
VS19-10-10	3028	VS22-8-7	3057		3191
	3071	VS22-8-8	3072		3202
VS19-10-10 ₄	3086		3077	MN-28E	3200
#20	3176		3085	28-0276	3200
VS20-8-8	3061	VS22-8-9	3146	28-0500	3201
	3068		3064		3200
VS20-8-9	3061	VS22-8-11	3069	28-0625	3191
VS20-8-10	3061	VS22-8-13	3084	28-1000	3155
VS21-6-6	3029	VS22-10-6	3128	GT-30	3202
VS21-6-8	3199	VS22-10-7	3052	MN-31A	3202
VS21-8	3139	VS22-10-9	3052	MT-31A	3171
	3140		3084	#32	3183
	3141		3100	SK-CL-32SL	3191
VS21-8-7	3057	VS22-10-10	3052	VS33-BT	3121
	3068	#22A12-02	3027	AFA35	3129
	3189		3053		3130
VS21-8-8	*	22D12-02	3030	FA35	3129
VS21-8-9	3057	VS22A12-82	3068	AC38B1555-3	3194
VS21-8-10	3039	22A12-82	*		3130
	3057	22A12-82BC100	3063	FB-44	3040
	3063		3124	MN-44A	3159
	3140	22A14-02	3052	FA46	3129
VS21-8-13	3039		3135		3130
VS21-8-10 ₄	3057	22A14-82	3055		3131
VS21-10-16	3029		3057	48-76303	3166
VS21-10-8	*		3071	48-76304	3166
VS21-10-9	3028	22A17-02	3028	51-63005	3171
	3029		3065	51-87010	3208
VS21-10-10	*		3136	51-87105	3208
VS21-10-111	3028	22A17-048	3030	51-87106	3166
	3066		3063	61-87109	3210
VS21-10-13	3084	22A17-82	3059	51-87110	3210
VS21-10-14	3030	VS22A17-82	3068	51-98002-12	3168
	3084	#22D20-064	3024	VS54	3077
	3112	22TM62	3058	FA56	3129
VS21-10-15	3052	22A502	3135		3130
	3100	VS22-832-6	3146		3131
VS21-10-16	3100	VS23A-10	3032	L58-5	3197
VS21-10-17	3024	VS23-11	3097	L58-6	3197
	3100	AN23-12	3056	L59-4	3191
VS21-10-18	3100	AN23-13	3070	L59-5	3191
FK-V21-21-1AC	3179	#23E50	3151	FB-60	3040
	3180	VS23-100	3100	61-1-0375	3191
FK-V21-32SL	3045		3144	61-01101	3020
21-0375-6	3190	VS23-101	3144	61-01001-2	3020
VS21-416-10	3030	VS23-102	3144	61-01001-3	3020
VS21-416-13	3030	VS23-115	3107	61-01101-4	3020
VS21-516-15	3020	AN24-10A	3062	61-01103-1	3021
VS21-616-16	3020	AN24-15	3070	61-01103-2	3021
21-1000-3	3180	AN24-17	3056	61-01103-3	3021
22A1-82-BC100	3060	VS25-1	3042	61-01103-4	3021
#22A5-02	3028		3052	61-01103-5	3041
	3052	VS25-2	*	61-01103-6	3041
#22A5-048	3030	MN-26H	3202	61-01103-7	3041
	3052	62-0375	3190	61-01103-8	3041
#22D8-02	3028	26-0376	3190	61-01108-1	3021
VS22-8-4	3057	26-0750	3191		
VS22-8-6	3077	26-1000	3207		

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61-01108-2	3021	61-06046	3023	61-06169	3024
61-01108-3	3021	61-06052	3123	61-06171	3027
61-01108-4	3021	61-06052	3123	61-06174	3027
61-01108-5	3041	61-06053	3023	61-06176	3210
61-01108-6	3041	61-06053-1	3023	61-06177	3027
61-01108-7	3041	61-06054	3024	61-06178	3027
61-01109	3015	61-06055	3024	61-06180	3027
61-01108-8	3041	61-06055-1	3024	61-06180-1	3027
61-06002	3021	61-06056	3024	61-06182	3027
61-06002-40	3021	61-06057	3025	61-06183	3027
61-06002-276	3021	61-06057-1	3025	61-06184	3028
61-06007-3	3021	61-06058	3025	61-06184-1	3028
61-06007	3021	61-06103	3025	61-06186	3028
61-06009	3021	61-06103-1	3025	61-06187	3029
61-06009-1	3021	61-06104	3025	61-06188	3029
61-06010	3021	61-06104-1	3025	61-06190	3029
61-06101-1	3021	61-06113	3198	61-06191	3029
61-06011	3021	61-06124	3025	61-06192	3029
61-06011-1	3021	61-06124-1	3025	61-06192-1	3029
61-06012	3021	61-06126-1	3025	61-06193	3029
61-06012-1	3021	61-06126-3	3025	61-06401	3029
61-06013	3021	61-06126-8	3025	61-06501	3029
61-06014-28	3021	61-06126-10	3025	61-08002	3041
61-06014-29	3021	61-06126-13	3025	61-08002-1	3041
61-06015	3021	61-06126-14	3025	61-08002-12	3041
61-06015-1	3021	61-06126-15	3025	61-08002-17	3041
61-06017	3021	61-06126-16	3026	61-08002-25	3041
61-06018	3021	61-06130	3026	61-08003	3041
61-06018-1	3022	61-06133-1	3026	61-08003-1	3041
61-06019	3022	61-06133-2	3026	61-08003-18	3053
61-06020	3022	61-06133-3	3026	61-08003-21	3053
61-06021	3022	61-06133-4	3026	61-08011	3041
61-06022	3022	61-06133-5	3030	61-08011-1	3041
61-06023	3022	61-06133-6	3030	61-08012-5	3041
61-06024	3022	61-06133-7	3030	61-08012-6	3041
61-06024-1	3022	61-06133-8	3030	61-08012-7	3041
61-06028	3022	61-06136-1	3026	61-08012-8	3041
61-06028-1	3022	61-06136-2	3026	61-08013-1	3041
61-06029	3022	61-06149	3026	61-08013-2	3041
61-06029-1	3022	61-06150	3026	61-08013-3	3041
61-06030	3022	61-06150-1	3026	61-08013-4	3041
61-06030-1	3022	61-06151	3026	61-08013-5	3041
61-06031	3022	61-06151-1	3026	61-08013-6	3041
61-06032	3022	61-06152-1	3026	61-08013-7	3042
61-06032-1	3022	61-06152-2	3026	61-08013-8	3042
61-06033	3022	61-06152-3	3026	61-08013-9	3042
61-06033-1	3022	61-06152-4	3026	61-08013-10	3042
61-06034	3023	61-06153	3026	61-08013-11	3042
61-06034-1	3023	61-06153-1	3027	61-08014	3043
61-06035	3023	61-06154	3027	61-08014-1	3043
61-06035-1	3023	61-06154-1	3027	61-08015-1	3043
61-06036	3023	61-06155	3026	61-08015-2	3043
61-06036-1	3023	61-06156	3024	61-08015-3	3043
61-06037	3023	61-06156-1	3024	61-08015-4	3043
61-06037-1	3023	61-06157	3024	61-08015-5	3043
61-06039	3023	61-06157-1	3024	61-08015-6	3043
61-06039-1	3023	61-06158	3024	61-08016-1	3044
61-06040	3023	61-06158-1	3024	61-08016-2	3044
61-06040-1	3023	61-06159	3024	61-08016-3	3044
61-06041	3023	61-06159-1	3024	61-08016-4	3044
61-06041-1	3023	61-06160	3027	61-08017	3044
61-06043	3023	61-06160-1	3027	61-08021	3044
61-06043-1	3023	61-06167	3024	61-08021-1	3044
		61-06168	3024	61-08022	3045

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61-08022-1	3045	61-12005-87	3054	61-24105	3063
61-08023	3045	61-12005-96	3054	61-24106	3060
61-08023-1	3045	61-12013-17	3054	61-24107	3060
61-08024	3045	61-12013-18	3054		3065
61-08024-1	3045	61-12102	3054	61-24120	3063
61-08025	3045	61-12103-1	3054		3069
61-08025-1	3045	61-12103-2	3054	61-25002	3063
61-08026	3045	61-12103-3	3054	61-25002-1	3063
61-08026-1	3046	61-12103-4	3054	61-26001	3065
61-08027-4	3046	61-12103-5	3055	61-26004	3065
61-08027-5	3046	61-12103-6	3055	61-26005	3065
61-08027-6	3046	61-16001	3056	61-26006	3065
61-08027-7	3046	61-16002	3056	61-26007	3065
61-08027-14	3046	61-16002-1	3056	61-26008	3065
61-08027-15	3046	61-18003	3027	61-26009	3065
61-08030	3047	61-18101	3057	61-26010	3065
61-08030-1	3047	61-18102	3057	61-26011	3065
61-08031	3047	61-21001	3058	61-26012	3065
61-08031-1	3047	61-22001	3059	61-26014	3065
61-08032	3047	61-22003	3059	61-26102	3067
61-08032-1	3047	61-22004	3059	61-26103	3067
61-08101	3047	61-22005	3059	61-26104	3067
61-08101-1	3047	61-22005-1	3059	61-26105	3068
61-08102	3047	61-22006	3059	61-26106	3068
61-08104	3048	61-22007	3059	61-26107	3068
61-08105-1	3048	61-22008	3059	61-28001	3069
61-08105-2	3048	61-22008-1	3059	61-28003	3069
61-08105-3	3048	61-22009	3059	61-28004	3065
61-08105-4	3048	61-22009-1	3059	61-28005	3065
61-08105-5	3048	61-22103	3059	61-28006	3069
61-08105-6	3048	61-22104	3061	61-29002	3069
61-08105-7	3048	61-22105	3061	61-30003	3058
61-08105-8	3048	61-22106	3061	61-30003-1	3058
61-08105-9	3048	61-22108	3059	61-30004	3058
61-08105-10	3048	61-22108-1	3059	61-31002	3073
61-08105-11	3048	61-22109	3059	61-31004	3073
61-08105-12	3048	61-22110	3059	61-31005	3073
61-08107	3049	61-22111	3059	61-31005-2	3073
61-08107-1	3049	61-22112	3061	61-31005-18	3073
61-08109	3041	61-22113	3060	61-31005-19	3073
61-08109-1	3041	61-22115	3061	61-31007	3073
61-08110	3041	61-22116	3060	61-31008	3073
61-08110-1	3041	61-22117	3060	61-31008-1	3073
61-08111	3041	61-22118	3060	61-31018	3073
61-08111-1	3041	61-22119	3060	61-31021	3074
61-08113	3049	61-22120	3061	61-31022	3074
61-08113-1	3049	61-22121	3061	61-31023	3074
61-08114	3049	61-22122	3060	61-31023-11	3074
61-08114-1	3049	61-22123	3061	61-31023-12	3074
61-08115	3049	61-22127	3061	61-31024	3074
61-08115-1	3050	61-22128	3061	61-31025-7	3071
61-08117-0	3050	61-24001	3063	61-31025-8	3071
61-08117-1	3050	61-24001-2	3063	61-31025-12	3071
61-08117-2	3050	61-24001-3	3063	61-31026-6	3071
61-08117-3	3050	61-24002	3063	61-31026-7	3071
61-08123	3050	61-24002-1	3063	61-31030	3074
61-08123-1	3051	61-24003	3063	61-31030-6	3074
61-12001	3054	61-24003-1	3063	61-31031	3075
61-12001-1	3054	61-24004	3063	61-31031-6	3075
61-12001-3	3054	61-24008	3063	61-31031-8	3076
61-12001-4	3054	61-24009	3063	61-31031-12	3075
61-12004	3054	61-24010	3060	61-31031-14	3075
61-12004-1	3054	61-24102	3063	61-31032	3073
61-12005	3054	61-24103	3060	61-31033	3075
61-12005-1	3054	61-24104	3063	61-31034	3075

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61-31120-1	3073	61-32123	3083	61-34025-1	31140
61-31120-2	3074	61-32124	3084	61-34026	31140
61-31120-3	3074	61-32124-1	3084	61-34026-1	31141
61-31029	3071	61-32125	3078	61-34027-1	31141
61-31109	3073	61-32126	3078	61-34027-3	31141
61-31109-1	3073	61-32128	3078	61-34027-5	31141
61-31134	3073	61-32129	3078	61-34027-5	31141
61-31143	3073	61-32130	3078	61-34027-7	31141
61-31144	3073	61-32131	3078	61-34027-11	31141
61-31150	3075	61-32132	3078	61-34027-13	31141
61-31151	3075	61-32132-1	3078	61-34027-23	31148
61-31153	3075	61-32133	3078	61-34027-25	31142
61-31301	3076	61-32135	3083	61-34028	3129
61-31401	3076	61-32137	3078	61-34029	3129
61-31401-12	3076	61-32137-1	3078	61-34030	3129
61-31401-13	3076	61-32301	3085	61-34031	3129
61-31501	3073	61-32302	3085	61-34032	3130
61-31601	3076	61-32302-1	3085	61-34033	3130
61-31601-56	3076	61-32303	3085	61-34034	3130
61-31601-57	3076	61-32303-1	3085	61-34035	3131
61-31601-58	3076	61-32310	3085	61-34036	3136
61-31601-59	3076	61-32310-1	3085	61-34038-1	3136
61-31601-60	3076	61-32311	3085	61-34038-2	3137
61-31702	3077	61-32311-1	3085	61-34039	3146
61-31716	3077	61-32312	3185	61-34039-1	3146
	3057	61-33002	3122	61-34041	3130
	3199	61-33102	3122	61-34041-1	3130
61-31901	3071	61-33104	3122	61-34042	3137
61-32001	3082	61-33104-1	3122	61-34042-1	3137
61-32003	3082	61-33105	3122	61-34043	3147
61-32003-16	3084	61-34001	3129	61-34043-1	3146
61-32003-17	3084	61-34002	3133	61-34044	3130
61-32003-18	3084	61-34003-1	3122	61-34045	3137
61-32004	3084	61-34003-2	3122	61-34047	3133
61-32004-44	3084	61-34003-3	3123	61-34048	3133
61-32012	3083	61-34003-4	3123	61-34049	3122
61-32012-1	3083	61-34003-5	3124		3123
61-32013	3082	61-34005	3133	61-34051	3124
61-32013-1	3082	61-34006	3124	61-34052	3142
61-32013-8	3082	61-34008	3139	61-34053-1	3142
61-32013-9	3082		3140	61-34053-3	3142
61-32014	3082		3141	61-34053-5	3142
61-32014-1	3082	61-34008-1	3139	61-34053-7	3142
61-32014-7	3082		3140	61-34053-9	3142
61-32014-8	3082		3141	61-34054	3142
61-32015	3082	61-34009	3134	61-34055	3142
61-32017	3083	61-34011-1	3135	61-34056	3143
61-32018	3167	61-34011-2	3135	61-34057	3137
61-32101	3085	61-34013	3135	61-34057-1	3138
61-32102	3085	61-34014	3135	61-34058	3133
61-32103	3085	61-34015	3135	61-34059	3143
61-32103-1	3085		3136	61-34060	3131
61-32104	3085	61-34016-2	3124	61-34101	3139
61-32104-1	3085	61-34016-3	3124	61-34102	3138
61-32105	3085	61-34016-23	3124	61-34103	3135
61-32106	3085	61-34016-26	3124		3136
61-32108	3083	61-34016-31	3124	61-34104	3134
61-32109	3083	61-34017	3122	61-34106	3139
61-32111	3083	61-34021	3142		3140
61-32113	3083	61-34022	3139		3141
61-32113-1	3083	61-34023-1	3139	61-34107	3135
61-32120	3085	61-34023-2	3139		3136
61-32120-1	3085	61-34024	3140	61-34107-1	3135
61-32121	3084	61-34025	3140		

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61-34110	3136	61-40102	3102	61-43401-1	3103
61-34110-1	3208	61-40102-1	3102	61-44001	3102
61-34111	3208	61-40103	3030	61-44003	3104
61-34111-1	3210	61-40103-1	3030	61-44004	3104
61-34137	3210	61-40104	3105	61-44005	3104
61-34138	3143	61-40105	3105	61-44005-3	3104
61-34139	3143	61-40106	3105	61-44006	3104
61-34140	3143	61-40107	3105	61-44006-1	3104
61-34145	3143	61-40108	3030	61-44007	3104
61-34146	3133	61-40108-1	3030	61-44007-1	3104
61-34147	3134	61-40109	3102	61-44008	3104
61-34147-1	3134	61-40110	3102	61-44008-1	3104
61-34148	3134	61-40115	3102	61-44009	3104
61-34149	3134	61-42001	3099	61-44009-1	3105
61-34150	3133	61-42003	3099	61-44010	3030
61-34153	3122	61-42003-1	3099	61-44010-3	3030
	3123	61-42004	3099	61-44013	3030
	3124	61-42004-1	3099	61-44013-1	3030
61-34154	3134	61-42005	3099	61-44014	3105
61-34154-1	3134	61-42005-1	3099	61-44014-1	3105
61-34155	3133	61-42005-6	3099	61-44015	3030
	3134	61-42005-7	3099	61-44015-1	3030
61-34156-4	3131	61-42005-8	3099	61-44016	3031
61-34157	3134	61-42005-9	3099	61-44016-1	3031
61-34158	3131	61-42005-10	3099	61-44018	3031
61-34159	3132	61-42005-11	3099	61-44018-1	3031
61-34165	3122	61-42005-12	3099	61-44026-1	3035
61-34166	3143	61-42005-13	3099	61-44026-3	3035
61-34167	3143	61-42005-14	3099	61-44026-5	3095
61-34168	3143	61-42005-15	3099	61-44026-7	3095
61-34169	3143	61-42005-22	3099	61-44026-13	3095
61-34170	3143	61-42005-23	3099	61-44026-15	3095
61-34171	3143	61-42014	3100	61-44026-17	3035
61-34172	3143	61-42014-1	3100	61-44026-19	3035
61-34173	3143	61-42017	3100	61-44027	3035
61-34174	3143	61-42018-6	3100	61-44030	3105
61-34175	3143	61-42018-7	3100	61-44031	3106
61-34176	3143	61-42018-8	3100	61-44032	3105
61-34177	3143	61-42018-9	3100	61-44033	3106
61-34178	3144	61-42033	3035	61-44102	3106
61-34179	3144	61-42035	3100	61-44102-1	3106
61-34180	3144	61-42101	3108	61-44105	3106
61-34181	3144	61-42102	3100	61-44106	3104
61-34182	3142	61-42109	3102	61-44108	3104
	3143	61-42119	3100		3105
61-34183	3123	61-42124	3100	61-44109	3106
61-34184	3139	61-42124-1	3100	61-44110	3106
	3140	61-43003	3114	61-44113	3106
	3141	61-43005	3114	61-44113-1	3106
61-34185	3144	61-43006	3103	61-44114	3106
61-34186	3123	61-43007	3103	61-44115	3106
61-34187	3134	61-43101	3078	61-44116	3106
61-34188	3133	61-43102	3102	61-44117	3106
61-34190	3132	61-43102-1	3102	61-44118	3104
61-34191	3131	61-43103	3102	61-44119	3106
61-34192	3132	61-43105	3033	61-44120	3106
61-34193	3132	61-43106	3100	61-44121	3106
61-34194	3132	61-43109	3102	61-44122	3031
61-39001	3098	61-43110	3033	61-44122-1	3031
61-40001	3102	61-43201	3114	61-44123	3104
61-40001-1	3102	61-43202	3114	61-44125	3106
61-40002	3102	61-43206	3114	61-44127	3095
61-40002-1	3102	61-43207	3114	61-44130	3031
61-40011	3102	61-43208	3114	61-44130-1	3031
61-40011-1	3102	61-43301	3033	61-44131	3106
		61-43401	3103	61-44131-1	3106

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<u>Part No.</u>	<u>Assembly Part List</u>	<u>Part No.</u>	<u>Assembly Part List</u>	<u>Part No.</u>	<u>Assembly Part List</u>
61-44132	3106	61-46135	3109	61-58020-1	3152
61-44133	3105	61-46136	3108	61-58023	3086
61-44133-1	3105	61-46137	3108	61-58024	3086
61-44134	3031	61-46138	3079	61-58025	3087
61-44135	3031	61-46139	3073	61-58027	3125
61-44139	3105	61-46143	3079	61-58028	3145
61-44140	3105	61-46144	3111	61-58028-1	3145
61-44143	3106	61-46145	3112	61-58029-1	3126
61-44144	3106	61-46146	3110	61-58029-2	3126
61-44147-2	3105	61-46147	3109	61-58030	3126
61-44147-3	3105	61-46149	3112	61-58101	3145
61-44148	3107	61-46150	3111	61-58106	3147
61-44149	3105	61-46151	3111	61-58108	3147
61-46001	3108	61-46153	3112	61-58109	3146
61-46001-6	3108	61-46154	3112	61-58110	3145
61-46003	3111	61-46159	3110	61-58111	3145
61-46003-2	3111	61-46160	3110	61-58112	3145
61-46004	3111	61-46161	3110	61-58114	3145
61-46005	3108	61-46162	3110	61-58115	3145
61-46007	3108	61-46163	3110	61-58117	3146
61-46007-2	3108	61-46164	3110	61-58118	3147
61-46007-3	3108	61-46165	3079	61-58119	3152
61-46008	3108	61-46166	3079	61-58119-1	3152
61-46009	3109	61-46167	3079	61-58122	3031
61-46011	3109	61-46168	3079	61-58123	3086
61-46012	3109	61-46169	3111	61-58124	3086
61-46013	3111	61-46172	3079	61-58125	3086
61-46014	3111	61-46174	3108	61-58126	3086
61-46015	3111	61-46175	3079	61-58127	3086
61-46016	3108	61-46177	3108	61-58128	3086
61-46017	3108	61-46201	3078	61-58129	3086
61-46020	3108	61-46202	3108	61-58132	3086
61-46021	3109	61-46203	3079	61-58133	3086
61-46022	3108	61-56001	3122	61-58135	3087
61-46023	3073	61-56001-2	3122	61-58136	3087
61-46025	3079	61-56003	3125	61-58137	3087
61-46026	3079	61-56004	3125	61-58138	3087
61-46029	3111	61-56004-1	3125	61-58139	3087
61-46030-1	3108	61-56005	3125	61-58140	3087
61-46030-6	3108	61-56006	3031	61-58141	3087
61-46032-1	3079	61-56007	3125	61-58142	3146
61-46033-1	3079	61-56008	3125	61-58143	3146
61-46104	3108	61-56101	3125	61-58144	3146
61-46105	3108	61-56102	3125	61-58145-1	3152
61-46106	3112	61-56103	3128	61-58145-2	3152
61-46107	3112	61-56104	3128	61-58146	3149
61-46108	3111	61-56105	3128	61-58147	3149
61-46109	3111	61-56105-1	3128	61-58149	3149
61-46110	3108	61-56106	3128	61-58150	3087
61-46111	3111	61-58003	3125	61-58151	3086
61-46112	3112	61-58004	3125	61-58152	3145
61-46116	3109	61-58005-1	3145	61-58153	3146
61-46117	3109	61-58005-2	3145	61-58154	3146
61-46119	3109	61-58006	3145	61-58155	3087
61-46120	3109	61-58007	3145	61-58156	3147
61-46121	3109	61-58008	3146	61-58157	3126
61-46123	3109	61-58009	3146	61-58158-1	3126
61-46126	3109	61-58010	3146	61-58158-2	3126
61-46127	3109	61-58011	3145	61-58201	3122
61-46128	3109	61-58012	3146	61-59010	3187
61-46129	3109	61-58013	3146	61-59011	3087
61-46130	3109	61-58014	3147	61-59012	3087
61-46131	3109	61-58015	3147	61-59013	3148
61-46132	3109	61-58017	3152	61-59014	3148
61-46133	3110	61-58018	3152	61-59015	3148
61-46134	3110	61-58020	3152	61-59016	3148

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61-59025	3148	61-63016	3154	61-64108	3028
61-59026	3088	61-63017	3154	61-64111	3029
61-59029	3088	61-63019	3154	61-64112	3028
61-59036	3088	61-63102	3152	61-64113	3028
61-59101	3086	61-63103	3153		3078
61-59102-1	3148	61-63104	3154	61-64117	3095
61-59102-2	3149	61-63107	3153	61-64118	3095
61-59103	3088	61-63108	3154	61-64119	3037
61-59104	3088	61-63111	3154	61-64121	3031
61-59107-1	3148	61-63112	3154	61-64122	3037
61-59107-2	3148	61-63114	3154	61-64123	3037
61-59108	3148	61-63116	3154	61-64124	3037
61-59109-1	3148	61-63117	3152	61-64127	3090
61-59109-2	3148	61-63118	3153	61-64134	3090
61-59111	3149	61-63119	3152	61-64145	3037
61-59112	3149	61-64003	3028	61-64145-1	3037
61-59116	3088	61-64004	3089	61-64149-2	3089
61-59120	3149	61-64005-4	3037	61-64149-3	3089
61-59121	3149	61-64005-5	3037	61-64149-4	3089
61-59124-1	3148	61-64010	3095	61-64149-5	3089
61-59128	3087	61-64011	3095	61-64151	3040
61-59129	3049	61-64012	3031	61-64153	3090
61-59131	3124	61-64014	3031	61-64201	3156
61-59133	3149	61-64015	3032	61-64202	3038
61-59134	3149	61-64016-1	3156	61-64210	3038
61-59201	3148	61-64016-2	3156	61-64301	3037
61-59205	3088	61-64017-10	3189	61-64302	3031
61-59207	3049	61-64017-12	3089	61-64303	3037
61-59208	3088	61-64017-13	3089	61-64304	3037
61-59209	3149	61-64017-14	3089	61-64305	3038
61-59210	3149	61-64017-15	3089	61-64312	3038
61-59214	3149	61-64017-16	3089	61-64312-1	3038
61-59215	3088	61-64017-17	3089	61-64313	3038
61-59221	3087	61-64017-18	3089	61-64313-1	3038
61-60002	3151	61-64017-19	3089	61-64314	3038
61-61001	3126	61-64017-20	3089	61-64314-1	3039
61-61006	3126	61-64017-21	3089	61-64315	3039
61-61008-1	3127	61-64017-22	3089	61-64316	3039
61-61008-2	3127	61-64018-1	3037	61-64317	3039
61-61009-4	3080	61-64018-2	3037	61-64319	3039
61-61009-5	3080	61-64018-4	3037	61-64322	3039
61-61009-6	3080	61-64018-5	3037	61-64322-1	3039
61-61010	3127	61-64018-6	3037	61-64323	3039
61-61101	3080	61-64018-7	3037	61-64323-1	3039
61-63001	3152	61-64018-10	3038	61-64325	3039
61-63003	3152	61-64018-11	3038	61-64401	3031
61-63004	3152	61-64018-12	3038	61-66004	3159
61-63005	3152	61-64018-13	3038	61-66004-2	3159
61-63006	3154	61-64018-14	3038	61-66005	3159
61-63007	3153	61-64018-15	3038	61-66006-10	3159
61-63008	3153	61-64018-16	3038	61-66006-11	3159
61-63009	3153	61-64018-17	3038	61-66006-12	3159
61-63010-1	3153	61-64018-18	3038	61-66006-13	3160
61-63010-2	3153	61-64019	3090	61-66006-14	3160
61-63010-4	3153	61-64021	3172	61-66006-15	3160
61-63010-5	3153	61-64023	3090	61-66006-18	3160
61-63010-6	3153	61-64025	3032	61-66006-23	3033
61-63010-7	3153	61-64026	3037	61-66006-24	3033
61-63010-12	3089	61-64027	3037	61-66006-25	3162
61-63010-13	3089	61-64101	3089		3033
61-63011	3053	61-64102	3037	61-66006-26	3162
61-63012	3152	61-64104	3029	61-66006-27	3162
61-63013	3154	61-64105	3028	61-66006-28	3162
61-63014	3154	61-64106	3028	61-66006-29	3162
61-63015	3154	61-64107	3028	61-66006-30	3162

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61-66006-31	3162	61-68104	3115	61-71018	3119
61-66006-32	3162	61-68105	3116	61-71019	3050
61-66006-33	3162	61-69004	3051	61-71101-5	3069
61-66006-34	3162	61-69004-1	3051	61-71101-6	3069
61-66006-36	3033	61-69005	3115	61-71101-7	3066
61-66006-37	3160	61-69009	3051	61-71102	3050
61-66007-2	3159	61-69011	3034		3066
61-66007-3	3159	61-69013-1	3034		3120
61-66009	3079	61-69013-3	3051	61-71103	3066
61-66009-1	3077	61-69013-5	3034	61-71104	3070
61-66010	3171	61-69013-7	3051	61-71105	3095
61-66014	3159	61-69104	3032	61-71105-2	3095
61-66016-1	3171	61-69105	3034	61-71106	3095
61-66016-2	3171	61-69401	3032	61-71106-2	3095
61-66016-3	3171	61-69501	3032	61-71107	3095
61-66016-4	3171	61-70001	3116	61-71108	3095
61-66016-5	3171	61-70001-2	3116	61-71111	3118
61-66016-6	3171	61-70001-3	3116	61-71112	3118
61-66016-7	3171	61-70001-4	3116	61-71113	3118
61-66016-8	3171	61-70001-5	3116	61-71114	3119
61-66016-9	3171	61-70004	3116	61-71115	3119
61-66016-10	3171	61-70005	3117	61-71116	3119
61-66101	3159	61-70006	3117	61-71119	3050
61-66123	3160	61-70007-1	3117		3120
61-66124-2	3159	61-70008-1	3118	61-71120	3120
61-66125	3171	61-70009	3118	61-71121	3121
61-66126	3171	61-70010	3118	61-71122	3119
	3183	61-70011	3117	61-71123	3034
61-66127	3171	61-70012	3065	61-71125	3058
	3183	61-70013	3069	61-71127	3058
61-66130-2	3172	61-70014	3066		3070
61-66131	3172	61-70015	3118	61-71128	3066
	3182	61-70016-1	3118	61-71129-1	3066
61-66136	3172	61-70016-3	3118	61-71129-2	3066
61-66140-2	3159	61-70018	3118	61-71130	3070
61-66140-3	3159	61-70019	3118	61-71201-3	3064
61-66140-4	3159	61-70102	3117	61-71201-6	3064
61-66140-5	3176	61-70106	3066	61-71201-7	3064
61-66201	3162	61-70107	3066	61-71201-8	3120
61-66202	3162	61-70139	3118	61-71201-10	3064
61-66203	3160	61-70201	3118	61-71201-11	3058
	3162	61-70501	3069	61-71202	3058
61-66301	3033	61-70501-3	3069		3120
61-66302	3033	61-70502	3069	61-71203	3058
61-66401-3	3050	61-71003	3118	61-71211	3058
61-66401-4	3050	61-71004-1	3120	61-71301-3	3055
61-67001	3114	61-71004-3	3050	61-71301-4	3050
61-67002	3114	61-71004-4	3120	61-71302	3055
61-67003	3114	61-71004-6	3050	61-71303	3051
61-67005	3114	61-71005	3066	61-71305	3051
61-67007	3115	61-71006	3050	61-71306-2	3034
61-67009	3115		3066	61-71306-3	3034
61-67102	3115		3120	61-71801	3032
61-67103	3115	61-71008	3069	61-71901	3032
61-67105	3115	61-71009	3119	61-71906	3032
61-68003	3064	61-71010-1	3120	61-72001	3033
61-68005-1	3115	61-71010-2	3066	61-72003	3034
61-68005-3	3115	61-71010-3	3050	61-72004	3034
61-68005-5	3116	61-71016-1	3119	61-72005	3032
61-68005-7	3116	61-71016-3	3119	61-72007	3034
61-68101	3064	61-71016-5	3119	61-72008	3034
61-68101-3	3064	61-71016-7	3119	61-72009	3034
61-68103	3064	61-71016-9	3119	61-72010	3034
61-68103-1	3064	61-71016-11	3051	61-72010-1	3034

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61-72012	3034	61-77008	3169	61-78050	3177
61-72106	3034	61-77009	3170	61-78051	3178
61-72107	3034	61-77010	3169	61-78051-2	3178
61-75003	3120	61-77011	3169	61-78052	3178
61-75003-6	3120	61-77012	3169	61-78053	3178
61-75004	3114	61-77014	3169	61-78053-1	3186
61-75005	3120	61-77015	3169	61-78054	3179
61-75101	3114	61-77102	3170	61-78055	3179
61-75103	3120	61-77104	3170	61-78056	3179
61-75201	3120	61-77105	3169	61-78057	3179
61-75204	3120	61-77106	3170	61-78059-1	3053
61-75205	3120	61-77107	3077	61-78059-2	3179
61-75206	3120	61-77201-1	3169	61-78059-3	3067
61-75301	3034	61-77201-2	3170	61-78059-7	3204
61-75311	3034	61-77301	3035	61-78059-8	3204
61-75401	3051	61-78002	3167	61-78059-9	3204
61-75401-1	3051	61-78007	3172	61-78059-10	3179
61-75411	3035	61-78008	3173	61-78059-11	3179
61-76001	3164	61-78008-2	3173	61-78059-12	3180
61-76003	3164	61-78009	3173	61-78059-15	3204
61-76004-6	3164	61-78010-1	3114	61-78059-16	3204
61-76005	3164	61-78010-2	3203	61-78059-19	3193
61-76006	3164	61-78011	3168	61-78059-21	3180
61-76008	3164	61-78013	3203	61-78059-22	3180
61-76009	3164	61-78014	3051	61-79059-24	3204
61-76010	3167	61-78015	3203	61-78059-25	3180
61-76011	3164	61-78016	3203	61-78059-26	3181
61-76014	3164	61-78016-1	3203	61-78059-27	3194
61-76014-7	3164	61-78017	3203	61-78059-28	3181
61-76016	3166	61-78017-1	3203	61-78059-29	3181
61-76101	3164	61-78018	3203	61-78059-30	3194
61-76103	3165	61-78018-1	3203	61-78059-31	3194
61-76104	3164	61-78019	3203	61-78059-32	3194
61-76105-2	3164	61-78020	3193	61-78059-33	3195
61-76105-3	3164	61-78021	3203	61-78059-34	3195
61-76108	3164	61-78021-1	3203	61-78059-35	3195
61-76116	3164	61-78023	3173	61-78059-36	3195
61-76117	3168	61-78024	3193	61-78059-37	3196
61-76118	3164	61-78025	3193	61-78059-38	3196
61-76120	3023	61-78026	3174	61-78059-39	3053
61-76121	3023	61-78026-2	3174	61-78059-40	3181
61-76201	3165	61-78027	3173	61-78059-41	3181
61-76201-9	3165	61-78028	3175	61-78059-43	3182
61-76201-14	3165	61-78029	3175	61-78059-44	3182
61-76301	3165	61-78030	3203	61-78059-45	3182
61-76302	3165	61-78031-1	3204	61-78059-46	3182
61-76303	3166	61-78032	3205	61-78059-47	3183
61-76401	3166	61-78033	3053	61-78059-51	3204
61-76501	3075	61-78033-3	3053	61-78059-52	3204
61-76501-2	3075	61-78034	3051	61-78059-53	3204
61-76501-5	3075	61-78035	3052	61-78059-54	3204
61-76604	3166	61-78036	3052	61-78059-55	3183
61-76604-4	3166	61-78038	3172	61-78059-56	3184
61-76905	3166	61-78039-2	3176	61-78059-60	3184
61-76906	3166	61-78039	3176	61-78059-61	3184
61-76911	3167	61-78040	3176	61-78060-1	3067
61-76915	3168	61-78042	3165	61-78060-5	3205
61-76917	3167	61-78043	3066	61-78060-6	3205
61-76917-6	3167	61-78044	3204	61-78060-8	3205
61-77003-1	3170	61-78045	3172	61-78060-9	3205
61-77004	3170	61-78046	3177	61-78060-10	3205
61-77005	3170	61-78047	3177	61-78060-11	3205
61-77006	3169	61-78048	3177	61-78060-15	3205
61-77007	3169	61-78049	3177		

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<u>Part No.</u>	<u>Assembly Part List</u>	<u>Part No.</u>	<u>Assembly Part List</u>	<u>Part No.</u>	<u>Assembly Part List</u>
61-78060-16	3205	61-78112	3173	61-78701-1	3053
61-78060-17	3205	61-78113	3173	61-78701-2	3053
61-78060-21	3184	61-78114	3174	61-78191	3183
61-78060-22	3184	61-78115	3174	61-78722	3057
61-78060-23	3184	61-78116	3174	61-78722-1	3057
61-78060-24	3184	61-78116-2	3174	61-79001	3198
61-78060-25	3184	61-78117	3174	61-79002	3198
61-78060-26	3184	61-78118	3174	61-82003	3035
61-78060-27	3184	61-78120	3172	61-82003-1	3035
61-78060-28	3184	61-78126-2	3176	61-82004	3158
61-78060-29	3184	61-78129	3172	61-82005	3034
61-78060-31	3185	61-78130	3177	61-82007	3157
61-78060-32	3185	61-78131	3188	61-82008	3157
61-78060-33	3185	61-78131-2	3188	61-82009	3157
61-78060-34	3185	61-78133	3188	61-82011	3157
61-78060-35	3185	61-78135	3178	61-82012	3157
61-78060-36	3185	61-78136	3177	61-82013	3157
61-78060-37	3185	61-78137	3177	61-82014	3095
61-78060-38	3185	61-78138	3178	61-82014-1	3095
61-78060-41	3205	61-78140	3188	61-82014-2	3095
61-78060-42	3205	61-78142	3185	61-82014-5	3095
61-78060-43	3205	61-78143	3172	61-82015	3096
61-78060-44	3185	61-78144	3172	61-82016	3096
61-78060-45	3185	61-78145	3172	61-82016-4	3096
61-78060-46	3185	61-78146	3189	61-82017-2	3080
61-78060-47	3185	61-78148	3186	61-82017-3	3080
61-78060-48	3185	61-78150	3189	61-82017-4	3092
61-78061	3185	61-78159	3187	61-82017-5	3092
61-78061-2	3185	61-78163	3189	61-82017-6	3092
61-78062	3186	61-78164	3189	61-82017-7	3092
61-78062-2	3186	61-78167	3173	61-82017-8	3092
61-78063	3172	61-78169	3189	61-82017-9	3092
61-78064	3186	61-78177	3174	61-82017-10	3092
61-78065	3186	61-78178	3171	61-82017-11	3158
61-78066	3186		3183	61-82017-12	3158
61-78066-2	3186	61-78179	3184	61-82017-14	3158
61-78067	3187	61-78181	3177	61-82017-15	3158
61-78074	3187	61-78185	3174	61-82017-16	3092
61-78060-55	3185	61-78201	3193	61-82017-19	3092
61-78075	3187	61-78202	3193	61-82017-20	3092
61-78076	3188	61-78222	3196	61-82017-21	3092
61-78077	3188	61-78224	3195	61-82017-23	3092
61-78078	3183		3196	61-82017-24	3092
61-78081	3205	61-78301	3203	61-82017-25	3092
61-78081-3	3205	61-78303	3205	61-82017-26	3092
61-78082	3188	61-78305	3206	61-82017-28	3092
61-78082-2	3188	61-78307	3206	61-82017-29	3092
61-78082-3	3188	61-78308	3206	61-82017-31	3092
61-78083-1	3188	61-78309	3178	61-82017-33	3158
61-78083-2	3188	61-78310-1	3206	61-82017-34	3158
61-78083-3	3188	61-78310-2	3206	61-82017-35	3158
61-78083-4	3188	61-78320	3206	61-82017-36	3035
61-78084	3188	61-78323	3206	61-82017-38	3036
61-78085	3188	61-78323-1	3206	61-82017-40	3036
61-78087	3097	61-78324	3206	61-82017-41	3036
61-78101	3171	61-78324-1	3206	61-82017-43	3036
61-78103	3206	61-78325-1	3207	61-82017-44	3036
61-78103-1	3206	61-78325-2	3207	61-82017-45	3036
61-78104	3206	61-78401	3051	61-82017-46	3092
61-78105	3206	61-78401-1	3051	61-82017-47	3093
61-78106	3193	61-78404	3041	61-82017-48	3158
61-78108	3051	61-78502	3207	61-82017-49	3093
61-78110	3174	61-78601	3066	61-82017-50	3093
61-78111	3173	61-78602	3067	61-82017-51	3093

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61-82017-52	3036	61-87037	3209	61-94167	3212
61-82019	3096	61-87038	3213	61-94168	3212
61-82020	3096	61-87103	3208	61-94169	3033
61-82021	3096	61-87104	3208	61-94170	3033
61-82021-4	3096	61-87105	3209	61-94171	3033
61-82022-1	3103	61-87106	3134	61-94172	3212
61-82022-2	3103	61-87106-1	3134	61-94174	3211
61-82022-3	3033	61-87108	3134	61-95001	3199
61-82022-4	3033	61-87108-1	3134	61-95013	3065
61-82022-5	3103	61-87109	3210	61-95014	3199
61-82022-6	3103	61-87111	3210	61-95015	3199
61-82022-7	3078	61-87112-2	3210	61-95016	3067
61-82022-8	3078	61-87112-3	3210	61-95101	3200
61-82024	3093	61-87129-	3210	61-95112	3046
61-82024-2	3093	61-87130	3210	61-95112-1	3046
61-82024-3	3093	61-87130-1	3210	61-95113	3046
61-82027	3157	61-87131	3208	61-95113-1	3046
61-82028	3157	61-87831-1	3213	61-95114	3199
61-82029	3096	61-87831-2	3213	61-95115	3199
61-82030	3080	61-87133	3210	61-95116	3067
61-82031	3097	61-87134	3208	61-95135	3200
61-82031-2	3097	61-87135	3208	61-95201	3199
61-82101	3092	61-87136	3134	61-95206	3200
61-82106	3157	61-87136-1	3134	61-95207	3200
61-82107	3093	61-87210	3209	61-95208	3200
61-82110	3157	61-87210-1	3209	61-95209	3201
61-82111	3157	61-87211	3209	61-95220	3200
61-82112	3157	61-87211-1	3209	61-95223	3200
61-82114	3157	61-87212	3209	61-95224	3200
61-82115	3033	61-87212-1	3209	61-95225-1	3200
	3078	61-87213	3209	61-95225-4	3200
61-82116	3103	61-87213-1	3209	61-95228	3200
61-82117	3097	61-87214	3209	61-95230	3201
61-82118	3096	61-87215	3209	61-95231	3201
61-82120	3096	61-87809	3210	61-95232	3201
61-82121	3096	61-87819	3211	61-95233	3201
61-82122	3096	61-87819-1	3211	61-95234	3200
61-82124	3093	61-87820	3212	61-95235	3201
61-82130	3157	61-87820-1	3212	61-95236	3199
61-82131	3093	61-87821	3212	61-95237	3085
61-82132	3093	61-87821-1	3212	61-95238	3202
61-82133	3096	61-87822-1	3211	61-95601	3067
61-82134	3036	61-87822-2	3211	61-98001	3167
61-82136	3158		3212	61-98001-7	3168
61-82301	3080	61-87823	3213	61-98001-8	3168
61-82401	3032	61-87823-1	3213	63-26115	3068
61-82501	3033	61-87824	3213	63-31103	3074
61-82601	3095	61-87826	3050		3075
61-82701	3035	61-87827	3212		3076
61-82703	3035	61-87828	3212	63-31125-1	3073
61-82801	3157	61-87829	3212	63-32116	3083
61-82901	3035	61-87830	3212	63-32122	3082
61-82915	3036	61-87820-1	3212	63-32123	3082
61-82916	3036	61-94002	3210	63-32126	3082
61-86001	3208	61-94033-1	3210	63-32127	3082
61-86003	3081	61-94033-2	3210	63-32129	3082
61-86004	3081	61-94033-13	3210	63-32133	3082
61-86010	3081	61-94033-20	3211	63-32134	3083
61-86012	3081	61-94040	3211	63-32135	3083
61-86013	3081	61-94103	3033	63-32136	3083
61-86021	3167	61-94161	3213	63-32202-0	3083
61-87002	3208	61-94163	3212	63-32204	3084
61-87012	3208	61-94165-1	3212	63-32205	3083
61-87013	3208	61-94165-2	3212	63-32205-1	3083
61-87014	3208	61-94166	3212		

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63-32206	3084		3184	VS80-8-13-094	3112
63-32207	3084	78-0375	*	VS80-08-16-.062	3057
63-32210	3083	78-0500	*		3113
63-32211	3083	78-0625	3052	VS80-8-17-031	3150
63-63003	3152		3175	VS80D8-17-32	3165
63-63102	3152		3193	VS80-8-17-062	3150
63-63104	3153	78-0750	3175	VS80-8-21-062	3107
63-63105	3153		3187	VS80D9-12	3057
63-63106	3152	78-1000	*	VS80-9-21-016	3115
63-63119	3153	78-1250	3173		3121
63-63131	3152		3175	VS80M-9-21-062	3020
63-64005	3028		3178	VS80B9-22-032	3177
63-67009	3115		3197	VS80D-10-11-.032	3063
63-69103	3115	VS79	3174	VS80-10-12-037	3189
63-69106	3034	79A1HS-02	3124	VS80-10-13-037	3079
63-70003	3121	79HA1-02	3123		3097
63-70027	3116		3208	VS80-10-13-050	3110
63-70119	3117	79A1HS-82	3124	VS80-10-13-062	3112
63-70120	3117	79A5HS-02	3124	VS80L-10-21-031	3110
63-70121	3116		3125	VS80N-10-24-125	3039
63-70126	3201		3208	VS80-10-25-050	3110
63-70130	3117	79HA17-02	3122	VS80-10-33-094	3086
63-70131-1	3117		3123	VS80D11-21-064	3115
63-70142	3121	79-0250	3175	VS80D-11-21-102	3116
63-71108	3050		3187		3029
	3066	79-0375	*	VS80-D-12-00-	
	3120	79-0500	*	064	3032
63-72103	3086	79-0625	3052	VS80-12-13-062	3112
63-75203	3120		3175	VS80-N12-16-062	3029
63-76117	3165		3193	VS80-12-21-010	3110
63-76806	3167	79-0750	3175	VS80L-12-21-028	3110
63-76807	3167		3187	VS80-12-21-062	3110
63-76808	3167	79-1000	*	VS80-12-22-016	3107
63-77009	3035	79-1250	3173	VS80-12-24-35	3088
	3169		3179	VS80-12-24-031	3101
63-77103	3170		3197	VS80L-12-29-094	3110
63-77104	3170	MS-80A	3202	VS80L-13-25-031	3107
63-77106	3170	VS80	3123	VS80-D1400-.064	3032
63-77111	3170		3124	VS80-D1400-.064	3032
63-77112	3170	VS80C3-14108	3149	VS80-14-16-62	3088
63-78059-53	3042	VS80-5-8	3131	VS80N-14-18-060	3039
63-78138	3177	VS80-5-8-020	*	VS80N-41-18-250	3039
63-78702-1	3053	VS80D-5-8-020	3025	VS80-14-21-062	3110
63-95116	3178	VS80-5-9-025	3167	VS80-14-24-031	3113
68A7-02	3193	VS80D5-9-040	3027	VS80-14-24-125	3088
68A7-82	3185	VS80-5-13-025	3167	VS80L-14-29-031	3110
	3186	VS80-6-4-062	3164	VS80LP-14-33-031	3087
	3193	VS80-6-11-062	3194	VS80LP-14-33-047	3086
68A27-82	*	VS80-6-13-031	3150	VS80L-14-33-047	3113
68A27-82	3178	VS80-7-12-125	3040	VS80P-14-33-058	3086
RBC70	3107	VS80B7-13-032	*	VS80L-28-80-031	3107
72-04026	3027	VS80B7-13-032	3174	VS80L-28-80-062	3107
72-04037	3025	VS80D7-13-64	3165	VS80M-14-33-062	3020
72-32091	3078	VS80-7-13-078	3114		3112
72-71024	3119	VS80-7-16-094	3051	VS80-14-33-078	3107
72-87012	3213	VS80L-7-19-31	3154	VS80-16-11-.050	3202
72-87020	3213	VS80D-8-12	3199	VS80-16-13-.050	3202
72-87027-500	3213	VS80M-8-12-062	3153	VS80-16-17-.050	3202
72-87027-501	3213		3176	VS80-16-25-062	3101
72-87043	3211	VS80L8-13-031	3093	VS80L-16-29-031	3107
72-87044-1	3211	VS80-N-8-13-		VS80-16-40-062	3113
72-87045	3211	.031	3210	VS80-16-41-062	3112
VS78-1	3165	VS80S-8-13-.031	3100	VS80L-16-41-094	3087
78-0250	3174	VS80-8-13-062	3110	VS80L-16-49-062	3107

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VS80-16-49-064	3113	VS110D12-12	3170	113-1-1250	3195
VS80L-17-41-	3107	VS110D12-20	3169	VS113-6-1604	3153
062	3113	VS110D12-20	3170	118-1-0250	3181
VS80L-18-49-		VS110-12-26	3032		3182
062	3087	VS110D-12-103	3032		3183
VS80M18-49-062	3164	VS110D12-116	3032	118-1-0375	*
VS80S-18-49-		VS110-13D-05	3202	118-1-0500	3180
062	3150	VS110-13-23	3027		3181
VS80M-19-41-		VS110D13-24	3211		3191
062	3128	VS110S13-112	3114		3195
VS80-20-23-050	3128	VS110D-14-003	3189	118-1-0625	3191
VS80-20-37-062	3164	VS110D-14-010	3079		3195
VS80L-20-41-			3073	118-1-0750	3194
062	3112		3105	118-1-1000	3207
VS80D21-43-040	3162		3119		3179
VS80-21-45-		VS110D14-13	3027		3180
.037	3161	VS110D14-16	3121		3191
VS80M-21-49-		VS110D-14-19	3097	118-1-2150	3195
094	3128	VS110D-14-020	3032	VS118-2	3161
VS80D22-17-032	3160	VS110B-21-008	3182	119-1-0250	3181
VS80N-23-80-		VS110-21-09	3116		3182
.062	3157	VS110S21-12	3116		3183
VS80-28-80-062	3107	VS110D21-005	3079	119-1-0375	*
81-0375	3207	VS110D21-7	3211	119-1-0500	3180
	3067	VS110D-24-09	3097		3181
	3191	VS110D24-14	3211		3195
81-0500	3207	VS110S24-018	3189	119-1-0625	3195
	3191	VS110S24-025	3114	119-1-0750	3194
81-1000	3207	VS110S24-430	3101	119-1-1000	3179
	3191	VS110D34-022	3165		3180
MT-81A	3202	VS110D-36-18	3097	119-1-1250	3195
VS82	*		3202	VS119-2	3161
VS83	3144	VS110D36-30	3029	VS120B3-04	3097
	3150	VS110D-36-106	3201	VS120-4S-010	3116
VS83-1	3040	VS110D-36-906	3154	VS120B4-14	3145
	3150	VS110S-46-16	3107	VS120BW-5-07	3112
VS83-2	3029	VS110-548-04	3117	VS120-5S08	3059
VS84-2	3167	VS110S54-020	3087	VS120BW-5-08	3109
VS85-	*	VS110S54-025	3086	VS120S5-14	3152
A86	3201	VS110S54-22	3117	VS120BW-5-014	3112
VS89	*	111-0250	3195	VS120S-5-17	3165
VS90-1	3057		3196	VS120S-5-020	3154
VS90-2	3039	111-0375	3182	VS120S-6-28	3059
VS95-3	3153		3194	VS120S-6-112	3134
97-012	3159		3195	VS120BW8-016	3111
100F	*		3196	VS120BW-10-016	3111
100PH1	3178		3196	VS120S-12-109	3024
#F-100-6-10	3156	111-0750	3181		3025
#104	3191		3184	VS120BW-18-016	3126
VS110S2-10	3065		3194	VS121D-47-018	3125
VS110D-2-24	3210	111-1000	3180	VS121-1320-016	3144
VS110D-11-03	3121	VS112-3816	3154	VS121S46-16	3165
VS110D-11-4	3167	113-1-0250	3181	VS121S-46-20	3166
VS110S11-04	3165		3182	VS121S46-34P	3070
VS110D-11-07	3121		3183	VS121S47-36	3166
VS110S11-9	3101	113-1-0375	*	VS121S47-016	3189
VS110D-11-09	3121	113-1-0500	3180	VS121S47-120	3116
VS110S11-17-P	3064		3181	VS121S-56-010	3113
VS110-811-28	3168		3184	VS121S-56-29	3112
VS110S-11-29	3121	113-1-0625	3067	VS121S57-18	3111
VS110S-11-10	3121		3194		3144
VS110S11-103	3084	113-1-0750	3181	VS121S-57-019	3107
VS110S11-124	3088		3184	VS121S57-20	3144
VS110S-12-02	3146	113-1-1000	3179	VS121S-57-101	3107
VS110D12-09	3084		3180	VS121-858-18	3117
				VS121S58-106	3154

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VS121S-67-028	3107		3196	F177-31-1	3187
VS121S-68-116	3121	VS149-4	3033	#195	3163
VS121S68-131	3088		3161	VH201	3176
VS121S68-148	3138	VS149-6	3207	#203	3191
VS121S78-09	3117		3189	Pesco 206EB	3128
VS121D-78-12	3064	VS149-8	*	VH21Q	3176
VS121S-610-024	3031	VS149-10	3207	248-011	3160
VS121-BW-610-112	3102		3189	ST250	3051
VS121S-710-32	3111		3199	257B-05	3160
VS121S-710-35	3111	VS149-12	3090	VS269-620	3202
VS121SP-812-9	3101		3189	VS275-1	3067
VS121S-812-132	3113	VS149-14	3196	VS280C2-705	3080
VS121S-812-36	3113		3161	VS280C2-9200	3080
VS121S-1016-037	3112	VS149-16	3196	VS284-704	3157
VS121SP-1016-047	3113	VS149-18	*	VS285-090-328	3209
VS121SP-1220-248	3113	VS149-20	3090	VS285-090-428	3209
MODAA125-C-200MP	3202		3189	VS285-090-508	3209
VS129	3122	VS149-22	3080	VS285-090-1400	3212
VS131-5-6	3128		3090	VS286-063-924	3167
VS132-25	3128	VS149-24	3189	VS287-090-916	3145
VS133-2	3128		3155	VS287-090-923	3064
VS133-25	3128	VS149-26	3097	VS287-090-1004	3070
133-0500-10	3197		3196	VS287-090-1105	3064
DR134-100-8	3061	VS149-28	3196	VS290-20-6	3090
DR134-100-10	3055		3118	VS290-20-8	3038
	3061	VS149-30	3168	VS290-30-6	3031
DR134-100-12	3055	VS149-32	3190	VS290-30-7	3170
	3061	150P6	3196	VS291-2-.012	3088
DR134-100-14	3061		3158	F292-0	3157
DR134-100-16	3055	VS149-34	*	VS296-6616	3159
DR134-100-18	3055	150P8	3077	299-012	3093
A-138	3166		3161	VS300AD4-3524	3165
VS140-063-06	3082		3161	#A-304-2	3070
VS140-093-.012	3119	150-038	3077	#309	3201
VS140-095-023	3117	VS150AC-105	3160	AN310-3	3055
VS140-098-014	3111	VS150AC116	3158	310-Mod.#9	3197
VS140-098-020	3145	VS150AC124	3154	AN310-16	3108
VS140-120-12	3050	VS150A-128	3127	AN310-10	3128
	3120	VS150A166	3208	AN310-12	3128
VS140-125-10	3111		3210	#311A	3161
VS140-125-030	3086	VS150AC176	3155	#WS-0312-32-5	3156
VS140-156-100	3145	VS150A-176	3127	VS314-610-316	3069
VS140-156-200	3103	VS150AC186	3155	VS314-612-316	3117
VS140-234-110	3117	VS150A-1210	3127	VS314-612-404	3064
VS140P250-108	3127	VS150B-1216	3079	VS314-612-408	3117
VS140-250-330	3170		3080	VS314-810-600	3161
VS140-312-014	3027	VS150B1220	3149	VS314-1010-316	3197
VS140P312-108	3127	VS150BC1220	3150	VS314-1415-600	3197
VS141-404-16	3111		3155	320 Model 2	3191
VS141-406-114	3117	VS150BT1220	3153	AN320-3	3056
VS141-406-428	3117	VS150AC131C	3162		3070
143-0375-10	3194		3163	AN320-4	3056
VS146-14	3051	VS150BC1418	3193	VS325-1	3090
148-1-0250	3197	VS150AC1610	3196	VS325-3-1101	3142
VS149-3	3168	#160-01	3093	VS325-3-1106	3150
	3170	175-01	3078	VS325-3-2113	3150
	3189	177B-033	3160	VS325-2012	3150
				VS325-4602	3088
				VS325-4708	3088
				VS325-4805	3088
				VS325-5707	3088
				VS325-6200	3088
				VS326-1-500	3150

* Page numbers omitted due to multiplicity.

SECTION III

NUMERICAL PARTS LIST - P-66 AIRPLANE

Part No.	Assembly Part List	Part No.	Assembly Part List	Part No.	Assembly Part List
VS300C1926	3127	A724-1	3104	Mod. R-1830-	
VS340-1	3126	#A-724-2	3148	S3C4G	3128
VS340-2	3126	#755-4-2-6	*	Model 1911	3055
349 Model 2	3192	755-4-2-8	3090	#1918	3174
F360	3157		3155	2030	3160
VS360-2L	*		3158	#2624	3187
VS360-2R	3035	A-755-5-2-6	3103	#2629	3188
	3079	755-6-2-6	3036	#2634	3188
	3119		3093	#2713C	3172
	3211	755-6-2-8	3094	#2724	3172
VS360-444L	3118		3036	2729	3182
VS360-444R	3118	755-8-2-6	3094	2734	3182
VS360-66	3115	A-755-8-2-8	3094	2801-1A	3168
	3116		3103	3115-1HT-6D	3158
VS361-2	3114		3155	3115-1HT-8D	3158
	3211		3158	3117-1B-4D	3091
VS361-4	3118	#755-8-4-8	3163	3117-1B-16D	3091
VS361-6	3115	755-10-2-6	3094	3141-3-16	3040
	3116	#755-10-2-8	3040	#3279-AD-2	3161
VS362-4	3118		3091	#3300-5	3117
VS363-2	3083	#755-10-4-8	3125	A03451	3166
AN365-428	3062		3156	3402-6-2	3173
AN365-524	3062	755-14-2-8	3091	3821-2	3195
#375	3129	755-16-2-8	3091		3196
	3130		3156	B04016-2D-603	3157
	3131	#755-16-4-8	3125	A04040	3201
VS377	3044		3163	5031	3175
AN380-2-2	3055	755-18	3091	A05951	3166
	3056	755-24-2-12	3155	6193A-15	3151
AN380-2-3	3070	AN960-416	3062	#6481	3061
AN380-4-4	3109	AC995-C40-6	3108	#6482	3061
AN380-4-6	3128	VSD1000-20	3193	#6483	3061
398B-01	3160	VSD1000-21	3193	#6484	3061
VS402-625	3213	#A-1008-5	3148	7607	3108
VS402-705	3213	VSD1010	3133	8200	3176
VS402-708	3213	#1110	3187	#8201	3176
VS402-718	3213	#F1010	3122	#8211	3177
S6-425	3135	1015	3175	#8212	3177
	3136	#U-1050-B3	3155	A08242	3128
#8C443	3206	U-1070-N	3192	B08452	3127
499 Mod. 12	3197	#1095	3201	B08888	3125
VS500	*	#1128	3207	10304-4-3AH	3108
VS501D-1	3084	#1163	3176	#10482-2	3103
#502	3129	#1164	3176	A10686	3126
	3130	#1167	3176	#10842	3158
	3131	#1169	3176	11026	3108
506	3176	F-1204	3122	B11148	3128
512 Mod. 3	3197	#1212-B	3201	#11160	3102
515	3175	#1217	3201	11171	3108
520	3177	#1218	3174	11182	3108
#A521	3148		3175	No. 11236	3072
VS525	3166	#1221	3199	11621	3108
0548	3165	#1222	3176	D-12000-6	3213
#556	3104	#1224	3178	A12429	3208
R600-CWB	3040	#J1246-3	3135		3209
606#185A	3160	#1303-2	3149	P12716-1	3189
612K-010	3160		3148	B12816	3209
#635	3075	#1341-4-4	3163	D12820-7	3208
A-639	3031	1375	*	B12948-3	3170
#A-652	3051	A01426-5	3159	B12948-4	3170
	3108	#1641	3109	B12949	3169
#670	3165	1700-1A	3160	B12949-1	3169
701P-10	3038	#1703	*	A13008	3169
#722-ET-4D	3173	1718-4	3160	P13081-21	3208

* Page numbers omitted due to multiplicity.

RESTRICTED

T. O. No. 01-50FA-4

SECTION III

NUMERICAL PARTS LIST - P-66 AIRPLANE

<u>Part No.</u>	<u>Assembly Part List</u>	<u>Part No.</u>	<u>Assembly Part List</u>	<u>Part No.</u>	<u>Assembly Part List</u>
AA-14513	3094	#40655	3094	62024-C	3094
20300-131F208-		41168	3108	62024-F	3094
187	3108	#41175	3108	62029	3094
20300-016C24-		#50580	3069	65008-V	3094
064	3108		3171	D79828	3207
20312-050-210	3108	#50733	3101	#86981	3066
20481-2	3103	#51104	3103	CD-92429	3175
#21151	3102	#51104-1	3103	B111745X	3192
#21173	3108	#51897	3103	149532	3182
#21174	3108	#54642	3165	150355	3182
#21178	3108	#65391	3103	NAF213089	3067
#21179	3108	D-57431-50	3166	#243116	3111
#21180-1	3108	#57480	3103	643715	3160
31017	3094	C57898	3199	#4125725	3171
34020	3094				3183

