

AIRPLANES - NORTH AMERICAN O-47A (OBSERVATION)

c.1

052. 912

NORTH AMERICAN

AIR FORCE CHECKERS REPORT
FOR

Revised

7 Pages
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5/21/40

(NX) AIRPLANE TYPE O-47A

A.C. SERIAL NO.

DATE

(NX) ENGINE: Wright R-1820-49, A.C. SERIAL NO.

NOTE: The coding of items under the heading "GFE" (Government Furnished Equipment) and "Status", indicate the following
"C" - Installed by Contractor; "S" - Installed at first permanent station; "N" - Not Government furnished; and
"NX" - Non-expendable, to be accounted for on M.R.

GFE	STATUS	NAME	TYPE OR PART NO.	QUANTITY		REMARKS
				Req'd	Actual	
		<u>INSTRUMENTS</u>				
C		Altimeter Assy.	C-8	1		
C		Ammeter Assy.	C-4B	1		
C		Clock Assy.	A-6	2		
C		Compass Assy.	B-15	1		
C		Compass Assy. Navigation	D-7	1		
N		Gage Assy., Fluid Level, Propeller Anti-Icer		1		
N		Gage Assy., Fuel Level		1		
C		Gage Assy., Manifold Pressure	D-1	1		
C		Gage Assy., Pressure Landing Gear	E-2	1		
C		Gage Assy., Suction	F-1	1		
C		Gage Unit, Engine	B-1	1		
C		Indicator Assy., Airspeed	D-3	2		
C		Indicator Assy., Bank & Turn	A-3	2		
C		Indicator Assy., Flight	C-4	1		
N		Indicator Assy., Fuel-Air Ratio		1		
C		Indicator Assy., Rate of Climb	A-5	2		
C		Indicator Assy., Turn	A-2A	1		
C		Signal Assy., Fuel Pressure	C-1	1		
C		Tachometer Assy.	C-2	1		
C		Thermometer Assy., Air	C-5	2		
C		Thermometer Assy., Carb. Mixture	F-1	1		
C		Thermometer Assy., Thermocouple	B-6	1		
C		Tube Assy., Airspeed	C-1	1		
C		Tube Assy., Venturi	B-4	2		

Signature of Checker

ELECTRICAL EQUIPMENT

Electrical equipment tested and found in operation Yes ☐ No ☐

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PROPERTY OF
AIR FORCE CENTRAL MUSEUM
Technical Services Division
Reference Branch
Wright-Patterson Air Force Base, O.

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GFE	STATUS	N/E	TYPE OR PART NO.	QUANTITY		REMARKS
				Req'd	Actual	
<u>OXYGEN EQUIPMENT</u>						
S		Cylinder Assy. Gaseous	C-1	3		
S		Regulator Assy.		3		
		Signature of Checker _____				
<u>MISCELLANEOUS EQUIPMENT</u>						
C		Belt Assy., Gurmer's Safety	A-3	1		
C		Belt Assy., Pilot's Safety	B-10	3		
C		Belt Assy., Pilot's Safety	B-11	1		
N		Bolt, Camera Magazine	25-73173	2		
N		Boot, Drift Sight	25-72005	1		
C		Bracket, Attachable Parachute		1		
C		Bracket, Pilot's Relief Tube	33B4741	3		
N		Case, Data	36G2873	1		
N		Case, Map		1		
N		Clamp, Drift Sight, Lower	25-72004	2		
N		Clamp, Drift Sight, Upper	25-51028	1		
S		Container, Message	A-1	10		
N		Cover, Engine		1		
N		Cover, Fixed Gun Hole	25-12582	1		
N		Cover, Gun Sight		1		
C		Cover plates, Engine Accessory		1	Set	
C		Crank Assy., Starter		1		
N		Cushion, Life Preserver	A-1	1		
N		Cushion, Life Preserver	A-3	2		
C		Extension, Crank Starter	C-12880	1		
C		Extinguisher, Fire W/bracket	A-2	1		
N		Holder, Airplane Flight Report		1		
N		Holder, Altimeter, Scale Error Card		1		
N		Holder, Compass Correction Card		1		
N		Holder, Message for ten Message Containers		1	Set	
N		Holder, Gun Sight Cover	25-61042	1		
N		Hood Assy., Blind Flying		1		
C		Hook, Message Pick-up		1		
N		Horn, Pilot's Relief Tube	33A4749	3		
S		Pump, Bilge		1		
S		Raft, Life	B-2	1		
N		Rings, Tie-down	B-1190	2		

PE OR
PART NO. QUANTITY
Req'd Actual

GFE STATUS

NAME

REMARKS

MISCELLANEOUS EQPT. (Cont'd)

N	Sling, Airplane Hoist	25-55002	1		
C	Sling, Engine	61162	1		
N	Sling, Wing Hoist	25-55015	1		
N	Strap, Camera Magazine	25-73168	1		
N	Struts, Jury	25-55008	2		
N	Support, Drift Sight Lower	25-72003	1		
C	Tee, Pilot's Relief Tube	33A4749	3		
C	Venturi, Pilot's Relief Tube	33A4740	1		

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MOORING EQUIPMENT

S	Kit Assy., Airplane Mooring		1		
	This kit consists of:				
S	Arrow, Airplane Mooring	36A4467	18		
S	Case	36A4465-1	1		
S	Eye, Airplane Mooring, Anchor Rod	36A4469	3		
S	Pin, Airplane Mooring, Ground Breaking	36B3323	1		
S	Rod, Airplane Mooring, Anchor	36A4468	6		
S	Rod, Airplane Mooring, Driving	36B4466	1		
S	Rope, Airplane Mooring	33D2721	3		

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ENGINE SPECIAL TOOLS

C	NX	Kit Assy., Engine Tool	84011	1	
		This kit consists of:			
C	NX	Compressor, Valve Spring	81409	1	
C	NX	Extension, Spark Plug Wrench, 3-1/4"	34B4645-2	1	
C	NX	Extension, Spark Plug Wrench, 5-5/8"	34B4645-1	1	
C	NX	Gage, Rocker Arm Roller to Valve Stem Clearance			
		Feeler, .010" & .075"	81405	1	
C	NX	Handle, 7/16" Diameter, Hollow	81403	1	
C	NX	Handle Assy., Spark Plug Wrench Ratchet	34B4630	1	
C	NX	Joint Assy., Spark Plug Wrench Universal	34A4632	1	
C	NX	Pliers, Piston Pin Retaining Lock Ring Removing			
		and Installing	83800	1	
C	NX	Roll, Tool, Canvas	80540	1	

GFE	STATUS	NAME	TYPE OR PART NO.	QUANTITY		REMARKS
				Req'd	Actual	

ENGINE SPECIAL TOOLS (Cont'd)

C	NX	Screwdriver, Carburetor Jet	81680	1		
C	NX	Screwdriver, Valve Clearance Adjusting Screw	81132	1		
C	NX	Socket, Spark Plug 7/8", Shielded Plug	37A1708	1		
C	NX	Socket, Spark Plug, 1", Shielded Plug	36A1351	1		
C	NX	Wrench, Accessory Drive and Oil Pump Driven Shaft Packing Gland, Lug	82047	1		
C	NX	Wrench or Bar, Propeller Hub Nut, 7/8" Dia. Hollow	811402	1		
C	NX	Wrench, Cylinder Hold-down Nut, Offset Box, 9/16" Hex.	82750	1		
C	NX	Wrench, Intake Pipe Packing Nut, Lug	81216	1		
C	NX	Wrench, Oil Pressure Relief Valve Body, End 1-1/8"	82147	1		
C	NX	Wrench, Oil Sump Strainer and Supercharger Rear Cover Oil Cleanout Plug, Lug	82058	1		
C	NX	Wrench, Valve Clearance Adjustment & Rocker Arm Clamp Screw, 3/8" Hex.	81900	1		

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AIRPLANE SPECIAL TOOLS

C	NX	Alignment Tool	TL-138-B	1		
C	NX	Extension, Propeller Grease Gun	51318	1		
N	NX	Wrench, Dzus	19-33417	1		
N	NX	Wrench, Fixed Gun	19A-53417	1		
N	NX	Wrench Assy., Hydraulic System	25-58178	1		
C	NX	Wrench, Propeller	51263	1		
C	NX	Wrench, Set Screw for use on Radio Compass		1		

Signature of Checker _____

GUNNERY EQUIPMENT

		<u>Fixed Gun</u>				
N		Box Assy., Ammunition		1		
C		Bracket Assy.	A-3	1		
N		Chute Assy., Case & Link Ejection		1		
S		Control Assy., Gun Charging	B-3	1		
S		Gun, Machine, Aircraft .30 Cal.	M-2	1		

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GFE	STATUS	NAME	TYPE OR PART NO.	QUANTITY		REMARKS
				Req'd	Actual	
<u>GUNNERY EQUIPMENT (Cont'd)</u>						
		<u>Fixed Gun</u>				
C		Handle Assy., Gun Charging	A-2	1		
N		Mount Assy., Gun		1		
N		Mount Assy., Sight		1		
C		Post Assy., Gun Mounting	A-4	1		
S		Sight Assy.	N-2	1		
S		Solenoid Assy.	C-4B	1		
C		Trunnion Bolt & Bracket Assy.	A-3	1		
		<u>Flexible Gun</u>				
S		Adapter Assy.	C-13	1		
S		Adapter Assy., Gun Camera	B-1	1		
S		Box Assy., Ammunition	L-3 or L-4	6		
S		Gun Mach. Aircraft .30 Cal.	M-2	1		
N		Holder for Six Ammunition Boxes		1	Set	
N		Latch, Gun		1		
C		Mount Assy., Gun	G-1	1		
S		Mount Assy., Sight		2		
S		Sight Assy., Gun Rear Ring	B-8	1		
S		Sight Assy., Gun, Wind Vane	D-4	1		
		Signature of Checker _____				
<u>PYROTECHNIC EQUIPMENT</u>						
S		Flare, Parachute	M-8	2		
S		Flare, Parachute	M-9	5		
C		Handle, Release, Flare	A-3	2		
N		Holder Assy., for ten M-10 Signals		1		
N		Holder Assy., for ten M-11 Signals		1		
N		Holder Assy., for five M-9 Flares		1		
N		Holder for Projector		1		
S		Projector	M-2	1		
C		Rack Assy., Flare	A-3	2		
S		Signals	M-10	10		
S		Signals	M-11	10		

Airplane

GFE	STATUS	NAME	TYPE OR PART NO.	QUANTITY		REMARKS
				Req'd	Actual	

PHOTOGRAPHIC EQUIPMENT

C		Handle Assy., Flashlight Bomb Release		4		
N		Rail Assy., Camera		1	Pr.	
N		Ring View Finder		1		

Signature of Checker _____

COMMUNICATIONS EQUIPMENT

C		Microphone, Hand Held	T-17	3		
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Short Range Liaison Set found in operation

Yes ☐ No ☐

Radio Compass Set found in operation

Yes ☐ No ☐

Interphone Set found in operation

Yes ☐ No ☐

Marker Beacon Set found in operation

Yes ☐ No ☐

(3 Stations)

Signature of Checker _____

FORMS

C		Aircraft Checkers Report		2		
S		Aircraft Maintenance & Inspection Record	Form 41	1		
S		Aircraft Tech. Order Compliance Record	Form 60A	1		
C		Airplane Flight Report	Form 1	1		
S		Airspeed, Calibration Card	38B5113	2		
S		Altimeter Scale Error Card	37A2157	4		
S		Armament Maintenance & Inspection Record	Form 43	1		
C		Book of Instructions, Radio Compass		1		
C		Book of Instructions, Radio Receiver		1		
C		Book of Instructions, Radio Transmitter		1		
N		Chart, Gun Sight		1		
C		Chart, Instruction for Pilot		1		
N		Chart, Weight Data		1		
C		Compass Correction Card	Form 57	1		
N		Diagram, Wiring, Electrical		1		
N		Diagram, Wiring, Radio		1		
S		Engine Tech. Order Compliance	Form 60B	1		
C		"G" Files, Tech. Orders		1		
S		Propeller Historical Record	Form 61	1		
S		Radio Maintenance & Inspection Record	Form 44	1		

Signature of Checker _____

GFE STATUS	NAME	<u>Airplane</u>		QUANTITY		REMARKS
		TYPE OR PART NO.		Req'd	Actual	

CERTIFICATE OF ACCEPTANCE

DATE _____

I acknowledge receipt of the property listed on the preceding pages.

(Signature W/Rank & Organization)_____
(Official Designation)