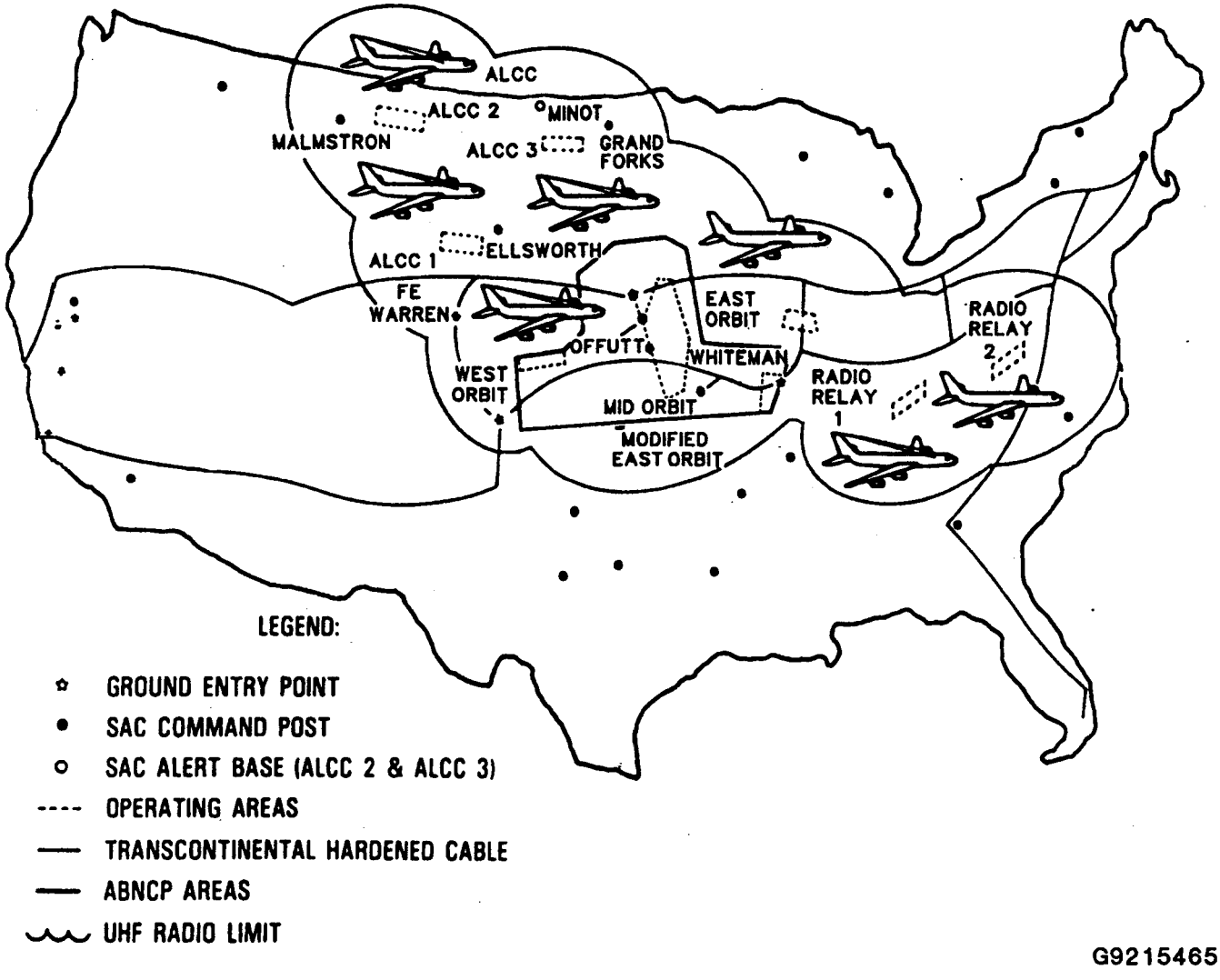
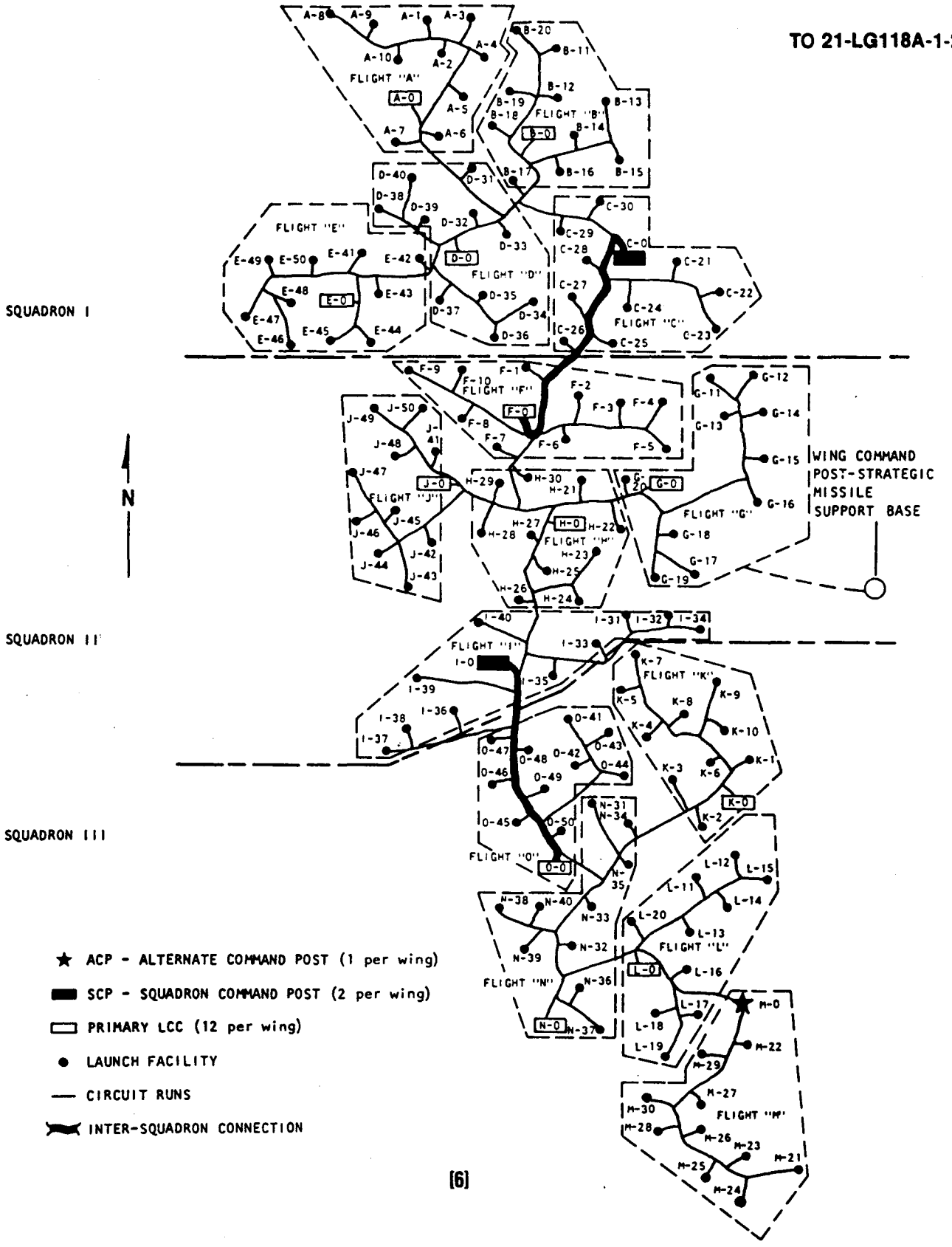


Figure 1-7. Post Attack Command Control System Peacetime Areas

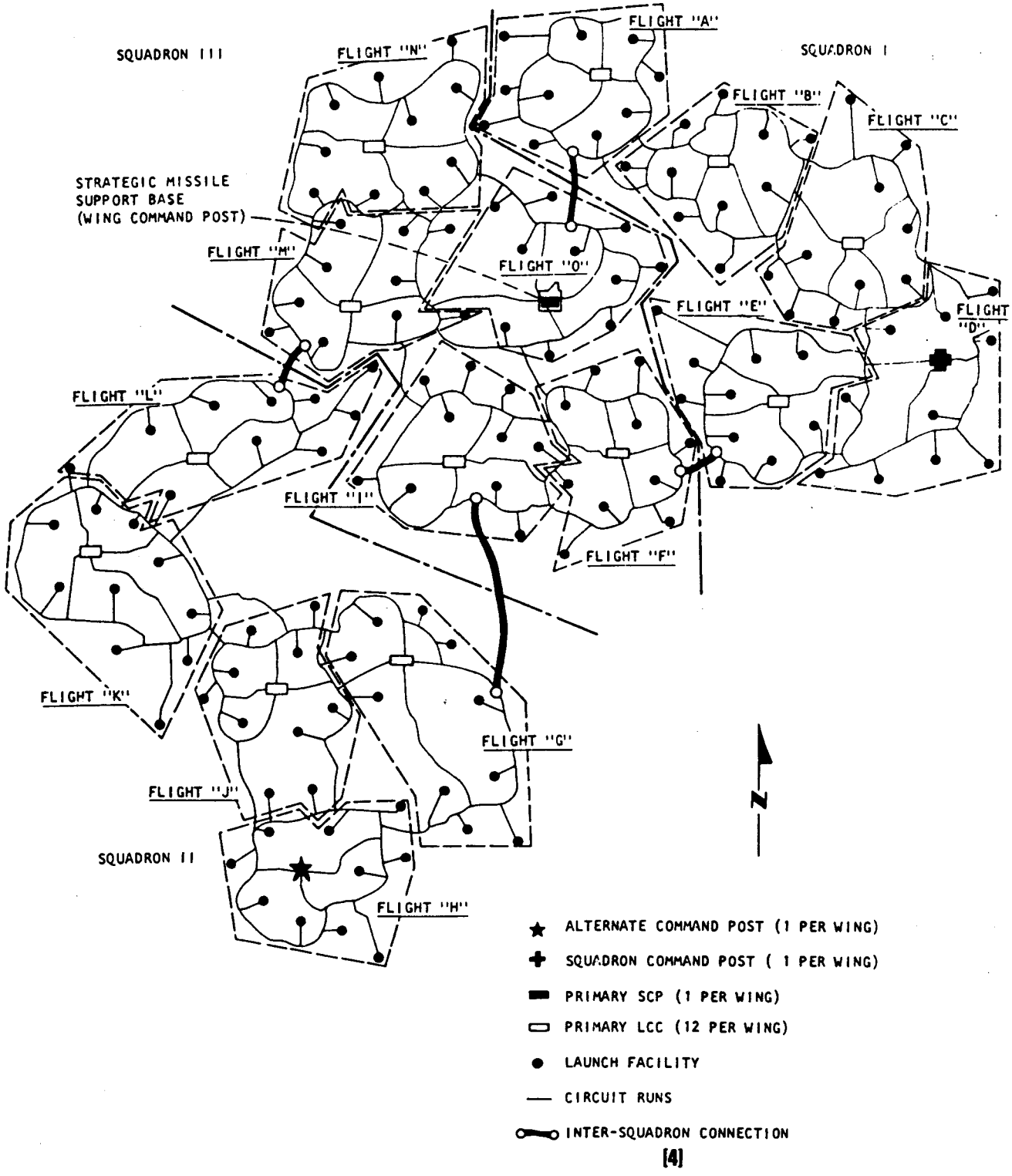
1-7 ALCC EQUIPMENT.

Figure 1-8 shows the physical location of ALCC equipment on each type aircraft. Figure 1-9 illustrates equipment in a typical ALCC equipment rack. The primary operator controls and monitors are located on the MCCC-A station and DMCCC-A station (figure 1-10). The central control unit for the ALCC is a special-purpose digital computer called the ALCSC. The Mass Storage Device/ Loader (MSD/L) and PSU are used to load ALCSC memory. The PSU contains the software for the operation of the ALCC. The MFDS provides all mission critical control and display functions to access Peacekeeper launch capability and status and launch commands for both Minuteman and Peacekeeper missiles. The Code Processor Equipment (CPE) is used to decrypt encrypted classified commands stored in the processor and to determine whether data stored in the ALCSC memory is correct, authentic, and stored in the proper memory locations. The Volatile Keying Assembly (VKA) stores the classified information used by the CPE to decrypt secure codes. An ALCC switch in the aircraft control cabin allows the pilot to assist in decryption of secure codes and transmission of classified commands. The ALCC printer provides hard copy output of operations conducted by the ALCSC. The keyboard allows the operator to enter data during targeting operations. A Waveform Converter (WFC) performs digital-to-analog and the analog-to digital conversions required at the ALCC



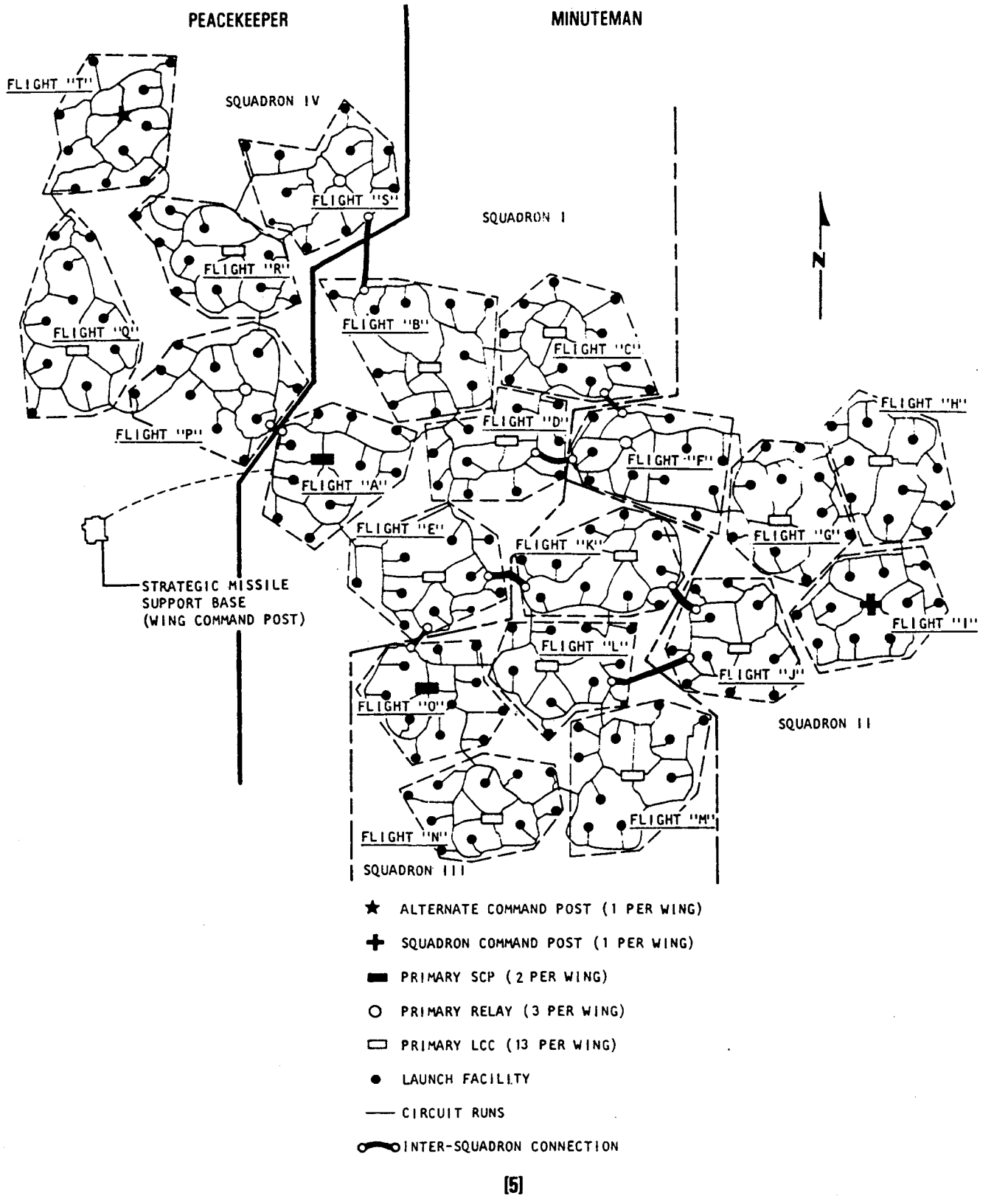
86-300-6

Figure 1-2. Squadron Locations (Sheet 7 of 7)



86-300-4

Figure 1-2. Squadron Locations (Sheet 5 of 7)



[5]

86-300-5

Figure 1-2. Squadron Locations (Sheet 6 of 7)

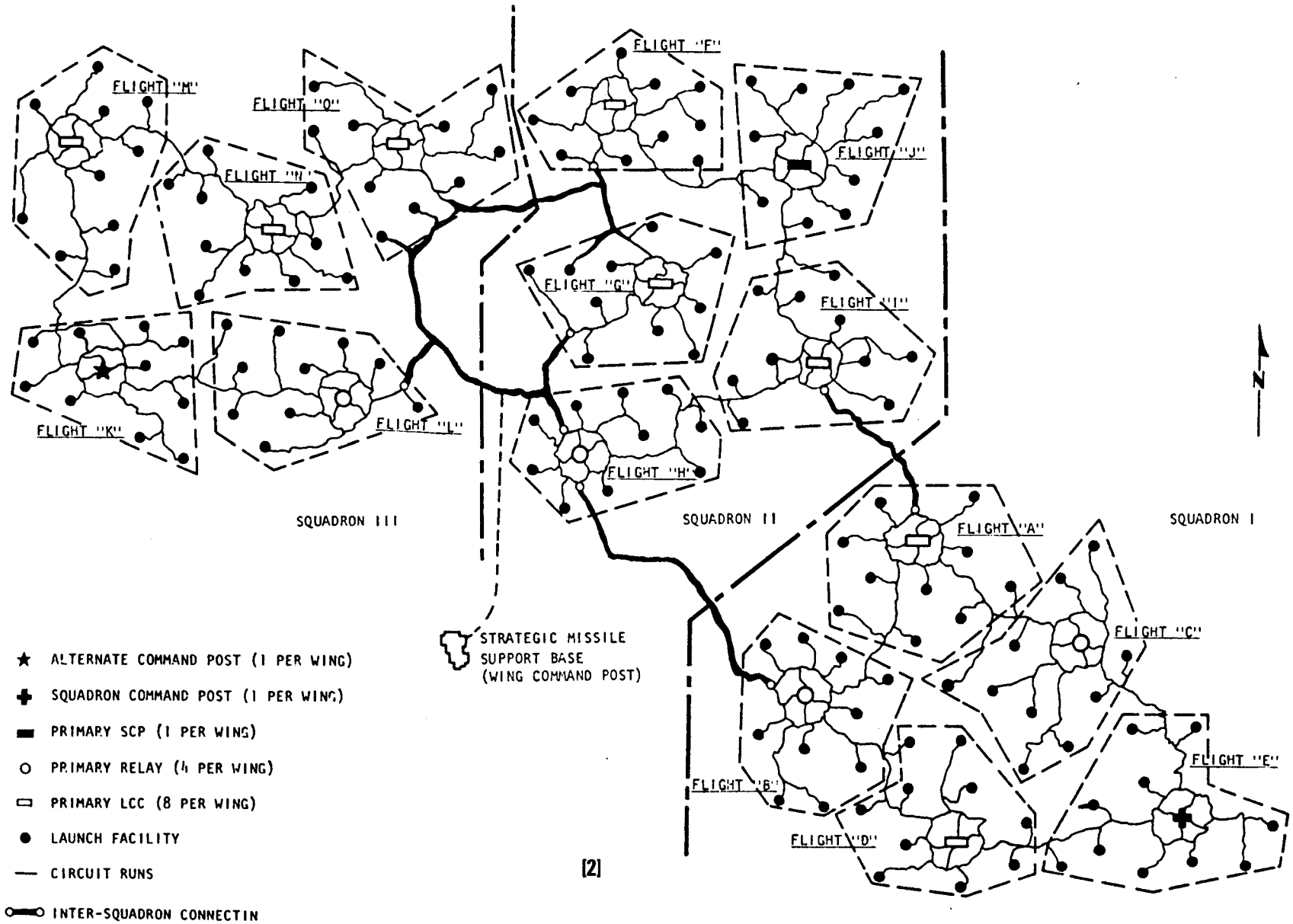
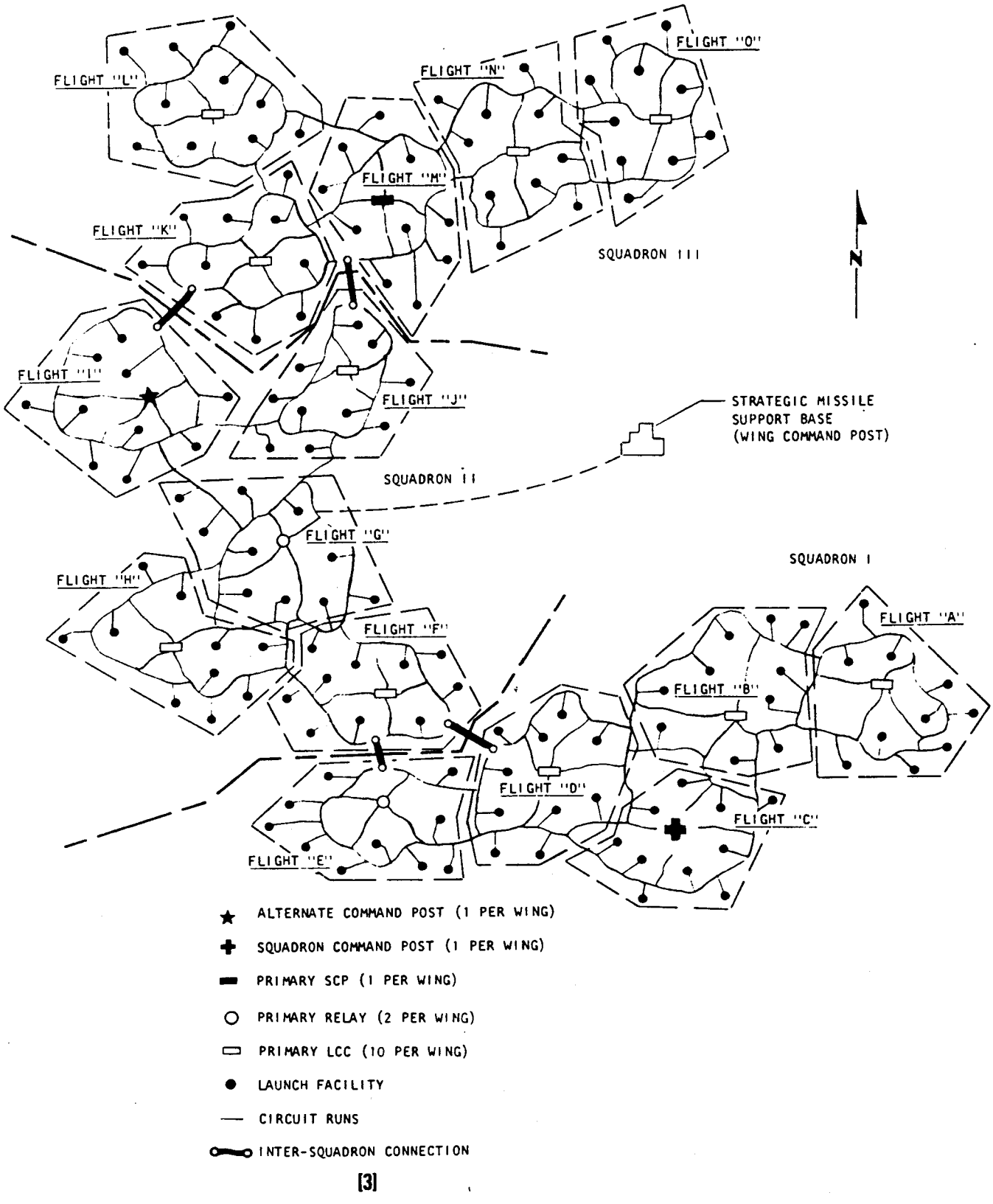


Figure 1-2. Squadron Locations (Sheet 3 of 7)



86-300-3

Figure 1-2. Squadron Locations (Sheet 4 of 7)

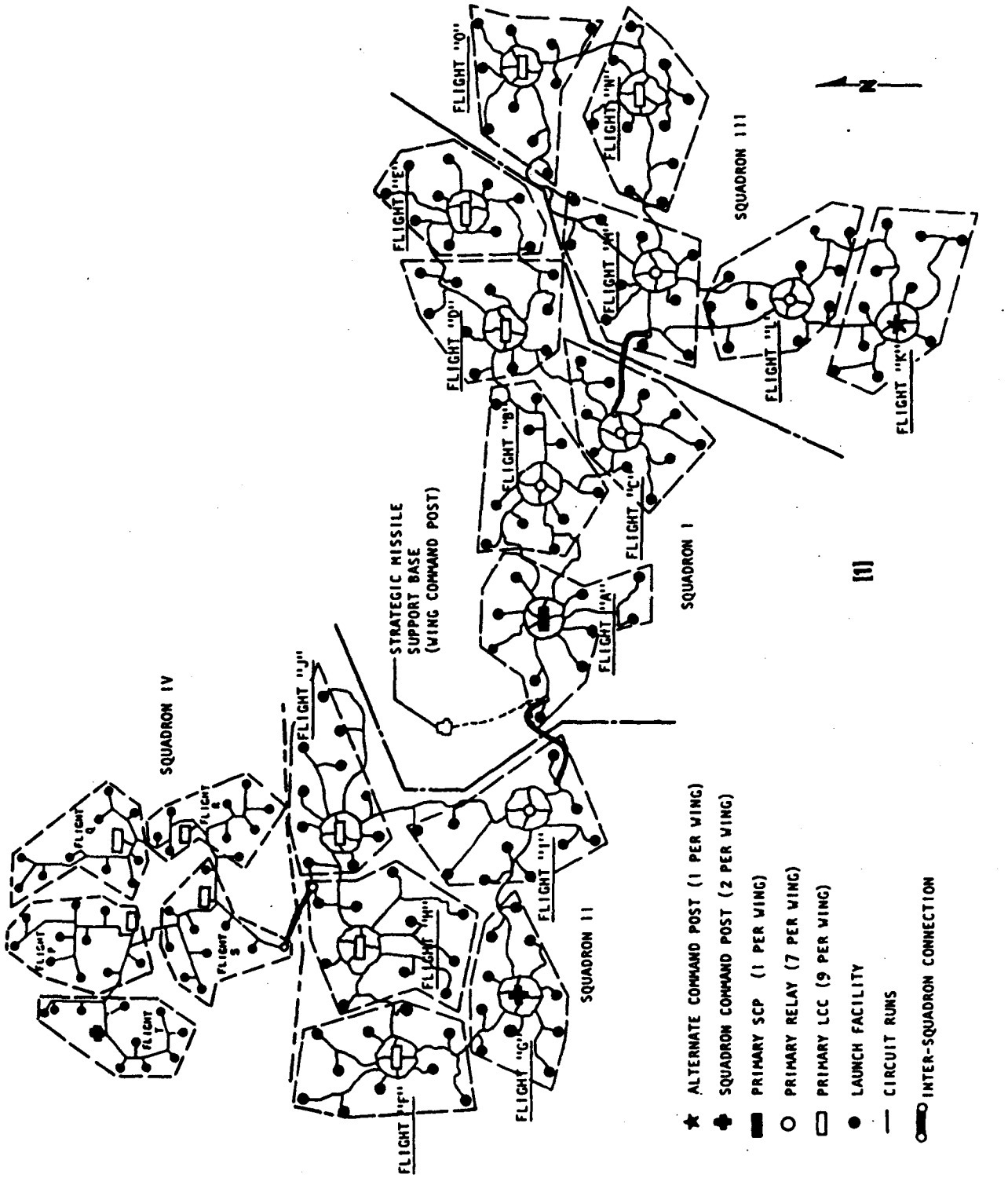


Figure 1-2. Squadron Locations (Sheet 2 of 7)

Table 1-1. Wing Nomenclature

WING	WEAPON SYSTEM	SQUADRON	MISSILE
I	WS 133A-M	I (10 SMS)	Minuteman II (LGM30F)
Malmstrom AFB	WS 133A-M	II (12 SMS)	Minuteman II (LGM30F)
341 SMW	WS 133A-M	III (490 SMS)	Minuteman II (LGM30F)
	WS 133B	IV (564 SMS)	Minuteman III (LGM30G)
II	WS 133A-M	I (66 SMS)	Minuteman II (LGM30F)
Ellsworth AFB	WS 133A-M	II (67 SMS)	Minuteman II (LGM30F)
44 SMW	WS 133A-M	III (68 SMS)	Minuteman II (LGM30F)
III	WS 133A-M	I (740 SMS)	Minuteman III (LGM30G)
Minot AFB	WS 133A-M	II (741 SMS)	Minuteman III (LGM30G)
91 SMW	WS 133A-M	III (742 SMS)	Minuteman III (LGM30G)
V	WS 133A-M	I (508 SMS)	Minuteman II (LGM30F)
Whiteman AFB	WS 133A-M	II (509 SMS)	Minuteman II (LGM30F)
351 SMW	WS 133A-M	III (510 SMS)	Minuteman II (LGM30F)
V	WS 133A-M	I (319 SMS)	Minuteman III (LGM30G)
F.E. Warren AFB	WS 133A-M	II (320 SMS)	Minuteman III (LGM30G)
90 SMW	WS 133A-M	III (321 SMS)	Minuteman III (LGM30G)
	WS 118A PIMS	IV (400 SMS)	Peacekeeper (LGM118A)
VI	WS 133B	I (446 SMS)	Minuteman III (LGM30G)
Grand Forks AFB	WS 133B	II (447 SMS)	Minuteman III (LGM30G)
321 SMW	WS 133B	III (448 SMS)	Minuteman III (LGM30G)

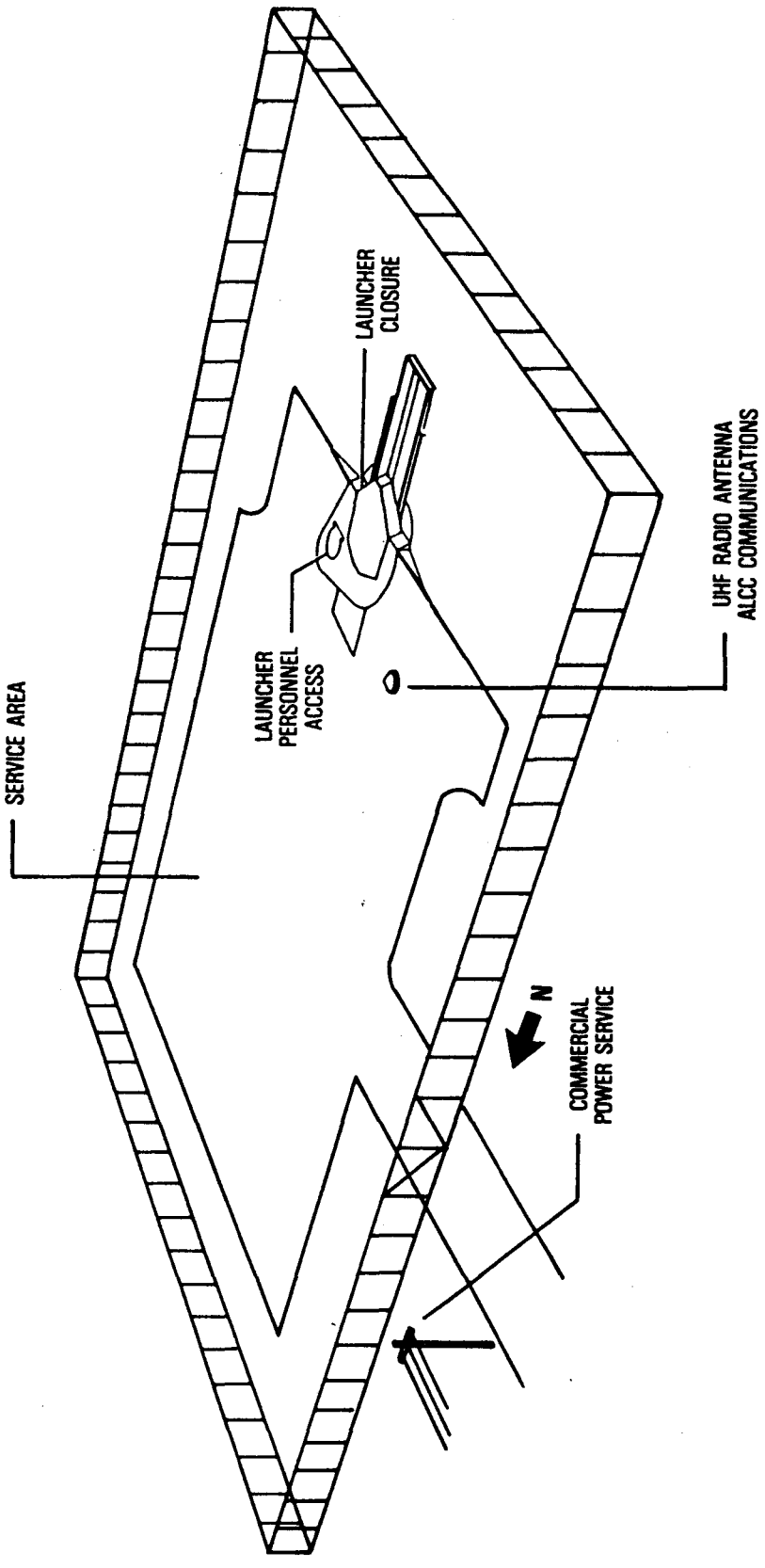


Figure 1-5. Launch Facility (Typical)

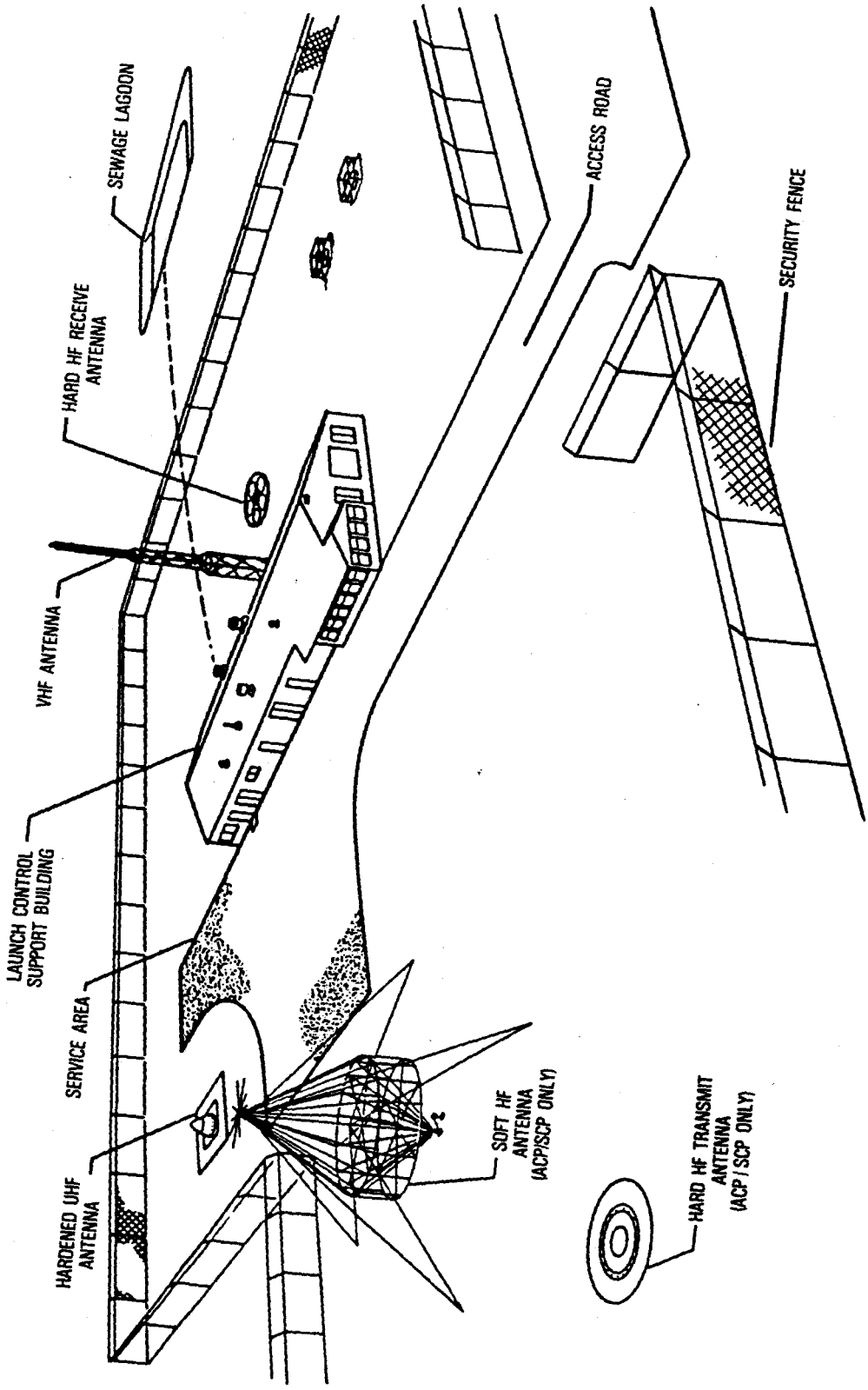


Figure 1-6. Launch Control Facility (Typical)

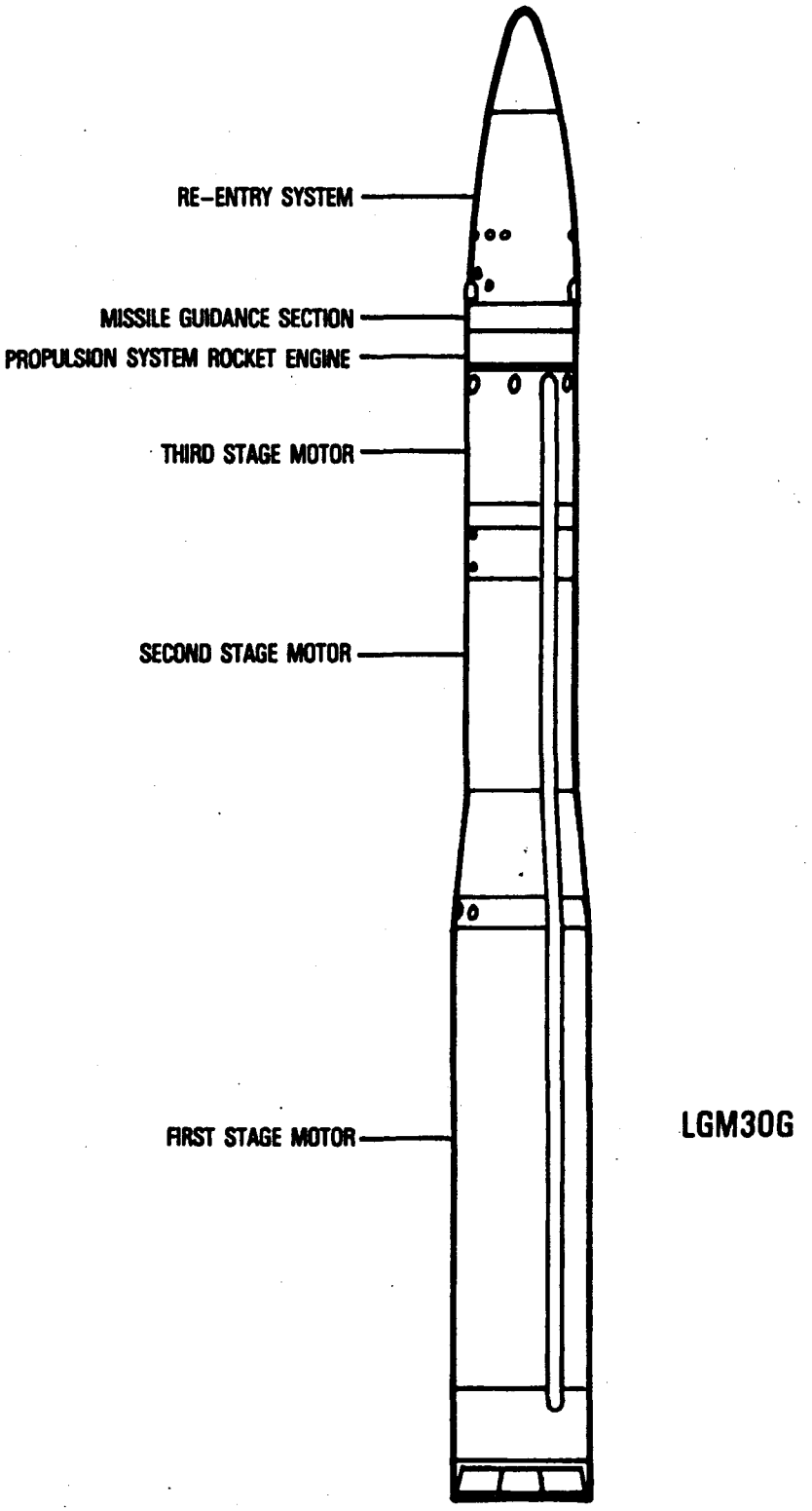


Figure 1-4. Minuteman Missile (Sheet 2 of 2)

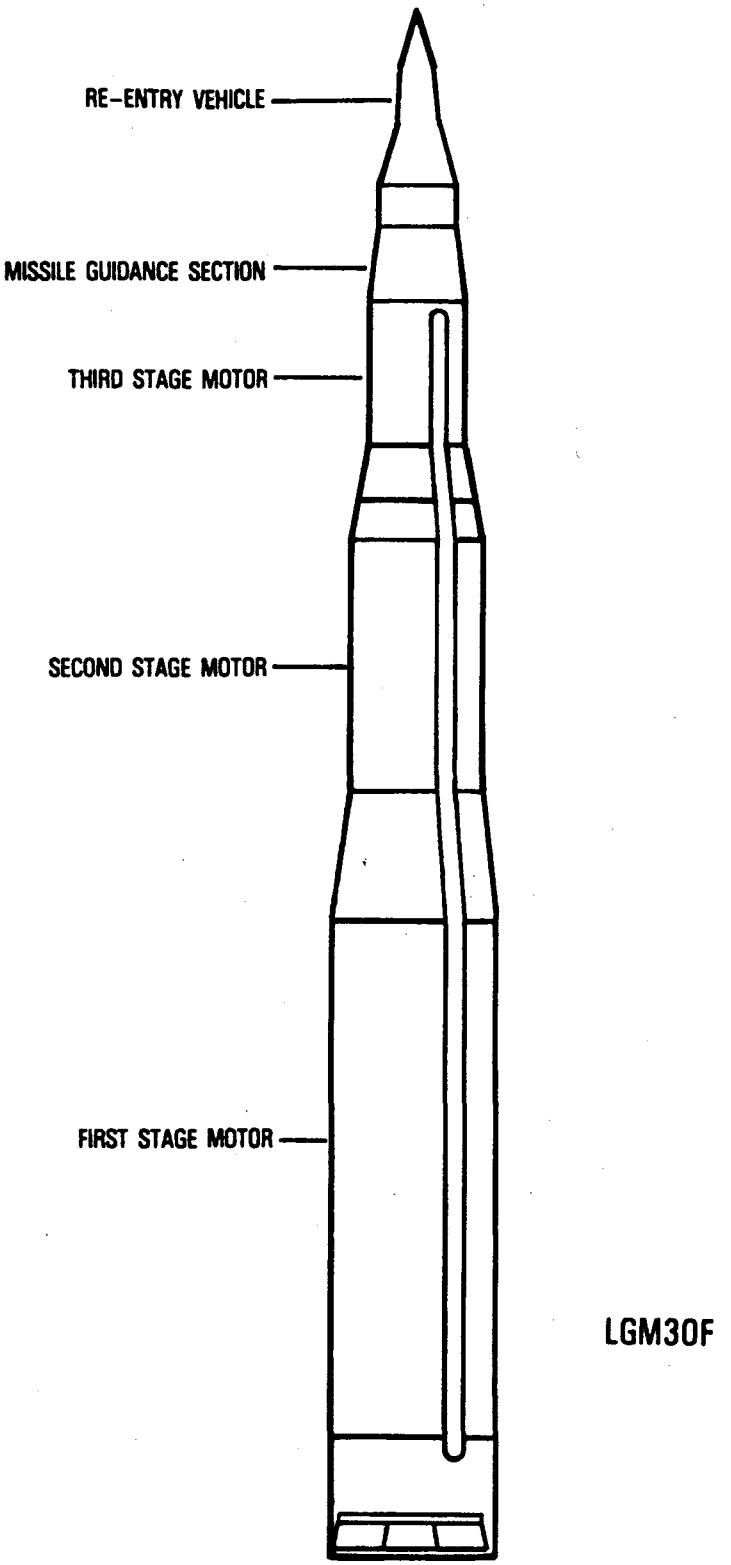


Figure 1-4. Minuteman Missile (Sheet 1 of 2)

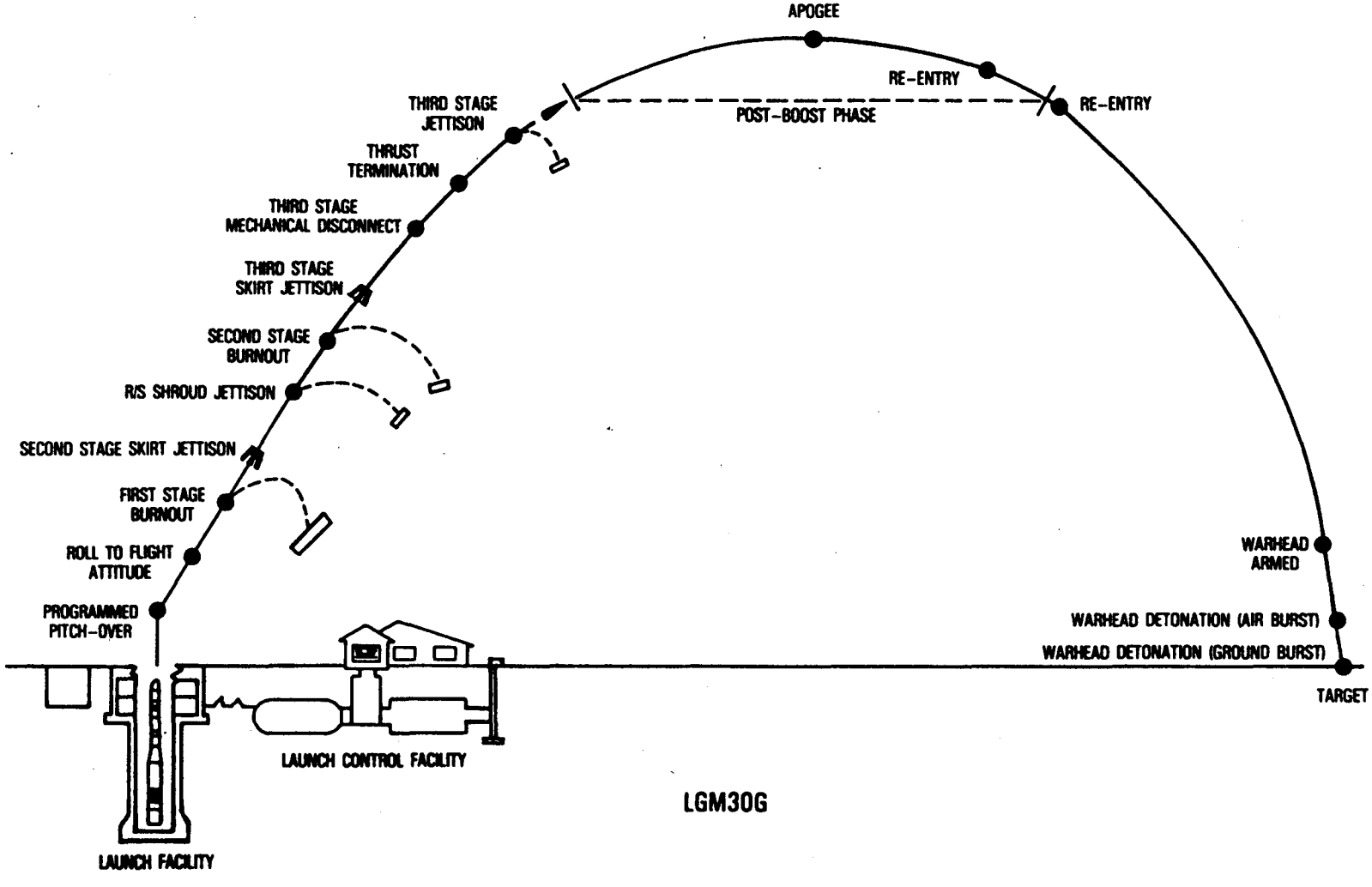
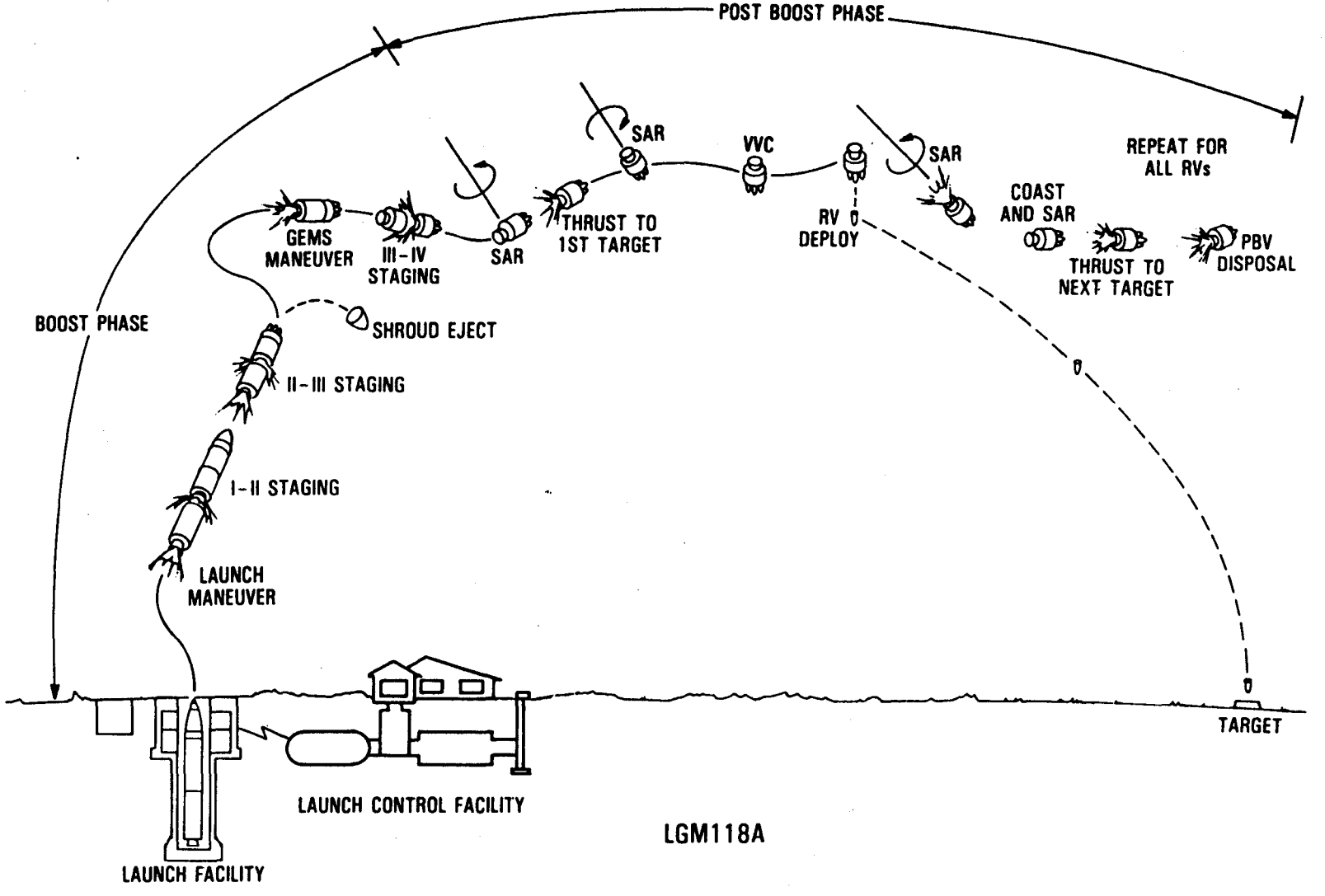


Figure 1-1. Mission Profile (Sheet 2 of 3)



86-520-254

Figure 1-1. Mission Profile (Sheet 3 of 3)

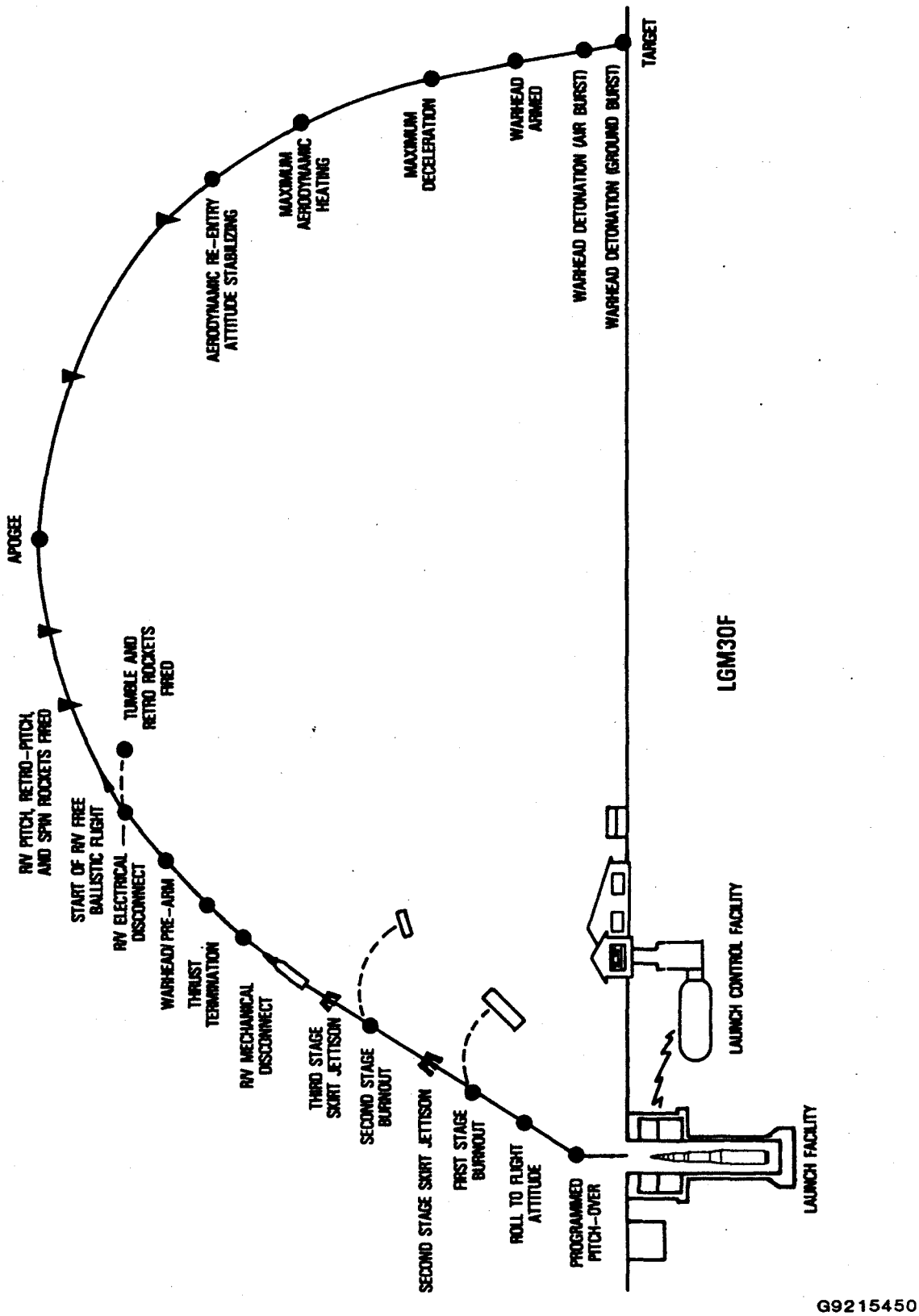


Figure 1-1. Mission Profile (Sheet 1 of 3)