

# LM ASCENT PAD

+	0	0				+	0	0				HR	
+	0	0	0			+	0	0	0			MIN	TIG
+	0			•		+	0			•		SEC	
+					•	+					•	V (HOR)	
+					•	+					•	V (VERT)	N76
	0				•		0				•	*CROSSRANGE	
												DEDA	047
												DEDA	053
												DEDA	225/226
												DEDA	231

\*NOTE: LOAD 8 NM IF CROSSRANGE IS GREATER THAN 8 NM  
COMMENTS:

LM ASCENT PAD

ASCENT TIG	XXX:XX:XX.XX (HR:MIN:SEC)	TIME OF APS IGNITION FOR LM ASCENT
N76 INSERTION TARGET		
V (HOR)	XXXX.X (FPS)	HORIZONTAL VELOCITY AT ORBIT INSERTION
V (VERT)	XXXX.X (FPS)	VERTICAL VELOCITY AT ORBIT INSERTION
CROSSRANGE	±XXXX.X (NM)	CROSSRANGE DISTANCE AT ORBITAL INSERTION
DEDA 047	XXXXXX (OCTAL)	SINE OF LANDING AZIMUTH ANGLE
DEDA 053	XXXXXX (OCTAL)	COSINE OF LANDING AZIMUTH ANGLE
DEDA 225	XXXXXX (100 FT)	LOWER LIMIT OF $\alpha$ AT ORBIT INSERTION
DEDA 226	XXXXXX (100 FT)	UPPER LIMIT OF $\alpha$ AT ORBIT INSERTION
DEDA 231	XXXXXX (100 FT)	RADIAL DISTANCE OF LAUNCH SITE FROM CENTER OF MOON