

NAV/LANDING AIDS REFERENCE CHART

STS-115 - Last revised 8/3/06

SITE	MLS	PAPI 7500' (NOMINAL)	PAPI 6500' (CLOSE-IN)	MARKING 7500' ■	MARKING 6500' ◆	BALL- BAR	TACAN (PRIMARY)	TACAN (BACK-UP)	REMARKS
EDW 04	2 JRs - CH 6	✓	✓	✓	✓	✓	EDW 111 (SS)	LHS 21 (SS)	XENON - Shoulders Non-Load Bearing ☒
EDW 22	SR - CH 8	✓	✓	✓	✓	✓	↓	POM 41 (SS) GMN 108 (SS)	XENON - Shoulders Non-Load Bearing ☒
EDW 15 LAKE	-	✓	✓	✓	✓	✓		↓	ELS ONLY
EDW 33 LAKE	-	✓	✓	✓	✓	✓			ELS ONLY
EDW 18L LAKE	-	-	-	✓	✓	-			Runway markings and repairs pending – currently UNUSABLE
KSC 15	SR - CH 8	✓	✓	-	-	✓	TTS 59Y (DS)	COF 97 (SS)	OMN 73 AZIMUTH UNUSABLE XENON & CENTERLINE LIGHTS
KSC 33	SR - CH 6	✓	✓	-	-	✓		LAL 107 (SS)	XENON & CENTERLINE LIGHTS
NOR 17 LAKE	2 JRs - CH 6	✓	✓	✓	✓	✓	↓	HMN 92 (SS)	XENON
NOR 35 LAKE	-	✓	✓	✓	✓	✓			DAY ONLY
NOR 05 LAKE	-	-	-	✓	✓	-			DAY ONLY
NOR 23 LAKE	2 JRs - CH 6	✓	✓	✓	✓	✓			XENON
ZZA 30L	SR - CH 6	✓	✓	-	☐	✓	ZZA 64 (DS)	ZZA 77 (DME)	⚠
ZZA 12R	-	-	-	-	-	-	↓	↓	
MRN 20	SR - CH 6	✓	✓	-	☐	✓	MRN 100 (SS)	AOG 23 (DS)	⚠
MRN 02	-	-	-	-	-	-	↓	↓	
FMI 33	2 JRs - CH 6	✓	✓	-	-	✓	FMI 16 (DS)	NIM53 (SS)	Distance remaining markers only at 900, 600, and 300 meters, overrun edge lights to 600 meters ⚠
FMI 15	-	-	-	-	-	-	↓	↓	

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| <p>↓ - CHANGE FROM LAST CHART</p> <p>LAKE - LAKEBED RUNWAY</p> <p>☒ - WILL NOT SUPPORT THIS MISSION</p> <p>☐ - AIM POINT IDENTIFICATION LIGHT SYSTEM (APILS) NOT TURNED ON</p> <p>⚠ - SURVEYED POINTS WHERE PAPIs / BALL BARs CAN BE INSTALLED</p> | <p>(DS) - DUAL STRING TACAN TRANSPONDER</p> <p>(SS) - SINGLE STRING TACAN TRANSPONDER</p> <p>☒ - XENON LIGHTS ON RUNWAY HAMMERHEAD - SET UP IN TWO HOURS</p> <p>⚠ - XENON LIGHTS CAN BE INSTALLED AT THESE LOCATIONS</p> <p>◆ - NAV / LANDING AIDS REMOVED DUE TO WET LAKEBED CONDITION</p> |
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CONUS XENON LIGHTS WILL SUPPORT LANDINGS BETWEEN SUNSET AND SUNRISE

TAL XENON LIGHTS WILL SUPPORT LANDINGS BETWEEN SUNSET + 15 MINUTES AND SUNRISE - 15 MINUTES