

LOC I-MJX <b>109.9</b>	APP CRS <b>063°</b>	Rwy Idg <b>5950</b> TDZE <b>81</b> Apt Elev <b>81</b>
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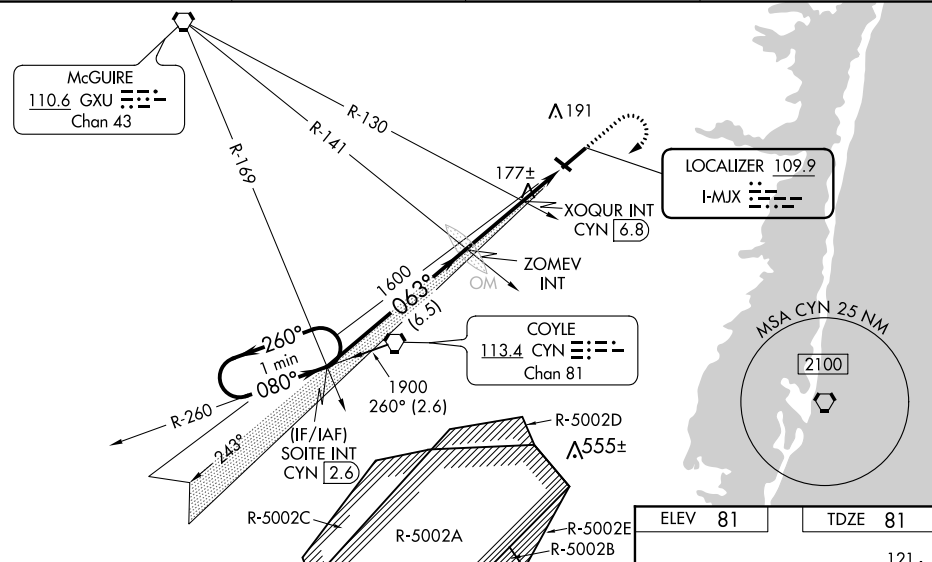
ILS or LOC RWY 6  
OCEAN COUNTY (MJX)

**NA** Circling Rwy 14, 32 NA at night. Inop table does not apply to S-ILS 6. For inop MALSR, increase S-LOC 6 Cats A/B and S-LOC 6 XOQUR Fix minimums Cats A/B visibility to 1/2 mile. When local altimeter setting not received, use Mc Guire Fld Joint Base Mc Guire Dix Lakehurst altimeter setting and increase all DA 41 feet and all MDA 60 feet; increase S-LOC 6 Cats C/D and Circling Cat C visibility 1/2 mile, Cat D 1/4 mile; increase XOQUR Fix minimums S-LOC 6 Cat C/D visibility 1/2 mile and Circling Cat D 1/4 mile. For inop MALSR when using Mc Guire Fld (Joint Base Mc Guire Dix Lakehurst) altimeter setting, increase S-ILS 6 all Cats A/B visibility to 1/2 mile and S-LOC 6 Cats A/B and S-LOC 6 XOQUR Fix minimums Cats A/B visibility to 1, Cats C/D visibility to 1/2 mile. Helicopter visibility reduction below 3/4 SM NA.

MALSR

**MISSED APPROACH:**  
Climb to 600 then  
climbing right turn to  
1900 direct CYN  
VORTAC then on  
CYN R-260 to SOITE  
INT/CYN 2.6 DME  
and hold.



AWOS-3PT <b>119.875</b>	MC GUIRE APP CON <b>126.475 363.8</b>	GCO <b>121.725</b>	UNICOM <b>122.7 (CTAF) 0</b>
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\*720 when using Joint Base Mc Guire  
Dix Lakehurst altimeter setting.

### One Minute Holding Pattern

Figure 1: Schematic diagram of the proposed 1600 nm SOI-based waveguide structure. The diagram shows a waveguide layout on a silicon-on-insulator (SOI) substrate. A 1900 nm waveguide transitions to a 1600 nm waveguide. Key components include a 'Holding Pattern' section, a 'SOITE INT' (SOI interface) with a 260 nm gap, a 'ZOMEV INT' (ZnO/MeV interface) with a 63 nm gap, and a 'XOQUR CYN' (XOZ/Quartz) section with a 6.8 nm gap. The waveguide width is 6.5 nm, and the gap width is 2.7 nm. The waveguide is labeled 'GS 3.00° TCH 56'. The waveguide is labeled '1600' and '660'. The waveguide is labeled '1900' and '260°'. The waveguide is labeled '063°'. The waveguide is labeled '\*LOC only.'

CATEGORY	A	B	C	D
S-ILS 6	331- <sup>3</sup> / <sub>4</sub> 250 (300- <sup>3</sup> / <sub>4</sub> )			
S-LOC 6	660- <sup>3</sup> / <sub>4</sub> 579 (600- <sup>3</sup> / <sub>4</sub> )	660-1 <sup>1</sup> / <sub>4</sub> 579 (600-1 <sup>1</sup> / <sub>4</sub> )		
 CIRCLING	660-1 579 (600-1)	660- <sup>3</sup> / <sub>4</sub> 579 (600- <sup>3</sup> / <sub>4</sub> )	700-2 579 (600-1 <sup>1</sup> / <sub>4</sub> )	700-2 619 (700-2)
XOQR FIX MINIMUMS (DUAL VOR RECEIVERS or DME REQUIRED)				
S-LOC 6	520- <sup>3</sup> / <sub>4</sub> 439 (500- <sup>3</sup> / <sub>4</sub> )	520- <sup>7</sup> / <sub>8</sub> 439 (500- <sup>7</sup> / <sub>8</sub> )		
 CIRCLING	520-1 439 (500-1)	560-1 479 (500-1)	580-1 <sup>1</sup> / <sub>2</sub> 499 (500-1 <sup>1</sup> / <sub>2</sub> )	700-2 619 (700-2)

