

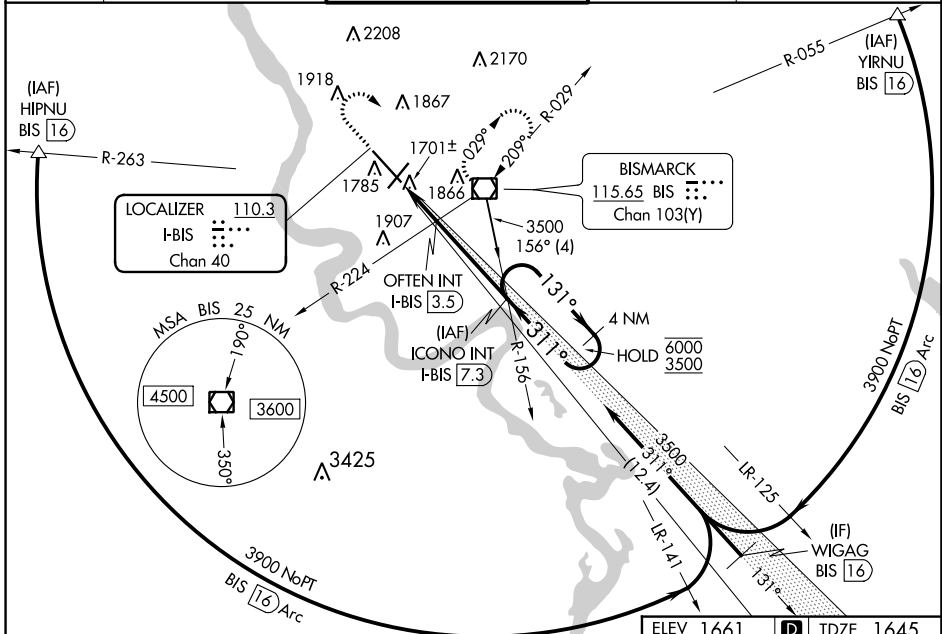
LOC/DME I-BIS 110.3 Chan 40	APP CRS 311°	Rwy ldg TDZE Apt Elev	8794 1645 1661
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ILS or LOC RWY 31

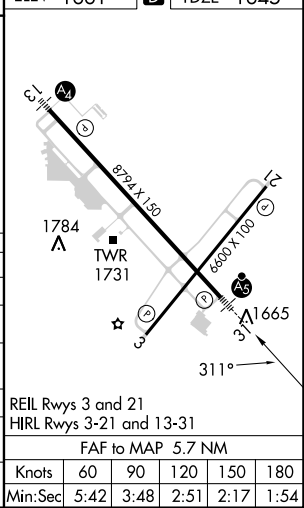
BISMARCK MUNI (BIS)

DME required for procedure entry.		MALSR	MISSED APPROACH: Climb to 2800 then climbing right turn to 3600 direct BIS VOR/DME and hold.
Autopilot coupled approach NA below 2680. For inop ALS, increase S-LOC 31 OFTEN FIX Cat C/D minimums visibility to RVR 5500.		ASR	

ATIS 119,35	BISMARCK APP CON* 126.3 298.9	BISMARCK TOWER* 118.3 (CTAF) 0 257.8	GND CON 121.9	UNICOM 122.95
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ELEV 1661	D	TDZE 1645		
2800	3600	BIS		
Use I-BIS DME when on the localizer course.	ICONO INT I-BIS 7.3	4 NM Holding Pattern		
*LOC only.	*I-BIS 2.6	131° → 6000 ← 311° 3500		
I-BIS 1.6	I-BIS 3.5	3500		
2300*	311°	GS 3.00° TCH 48		
1 NM	0.9 NM	3.8 NM		
CATEGORY	A	B	C	D
S-ILS 31	1845/24		200 (200-½)	
S-LOC 31	2300/24	655 (700-½)	2300-1¾	655 (700-1¾)
CIRCLING	2300-1	639 (700-1)	2460-2¼ 799 (800-2¼)	2460-2½ 799 (800-2½)
OFTEN FIX MINIMUMS (DUAL VOR RECEIVERS OR DME REQUIRED)				
S-LOC 31	2020/24	375 (400-½)	2020/35	375 (400-¾)
CIRCLING	2240-1	579 (600-1)	2460-2¼ 799 (800-2¼)	2460-2½ 799 (800-2½)



REIL Rwy 3 and 21					
HIRL Rwy 3-21 and 13-31					
FAF to MAP 5.7 NM					
Knots	60	90	120	150	180
Min:Sec	5:42	3:48	2:51	2:17	1:54