

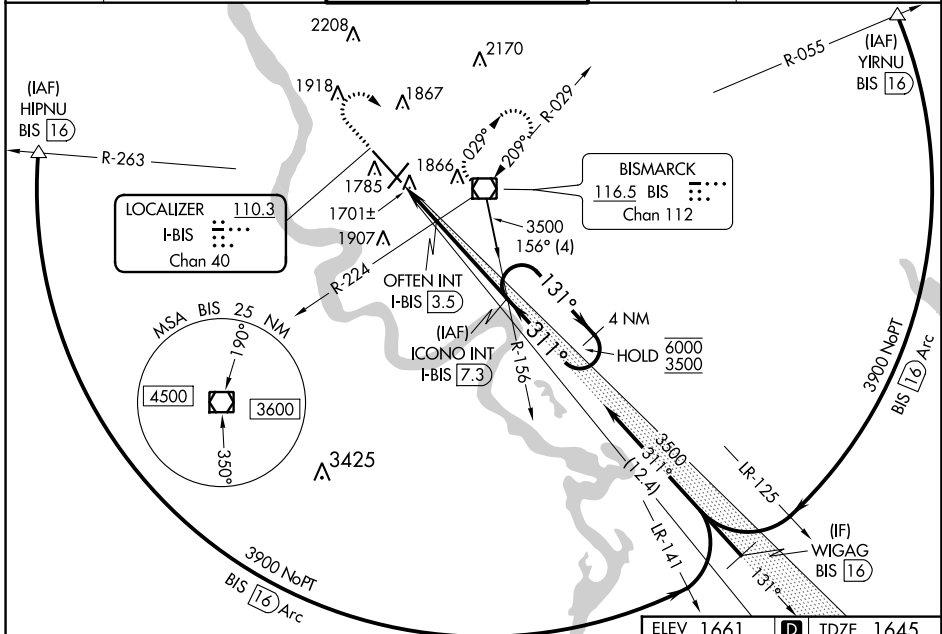
ILS or LOC RWY 31

BISMARCK MUNI (BIS)

LOC/DME I-BIS 110.3 Chan 40	APP CRS 311°	Rwy Idg TDZE Apt Elev	8794 1645 1661
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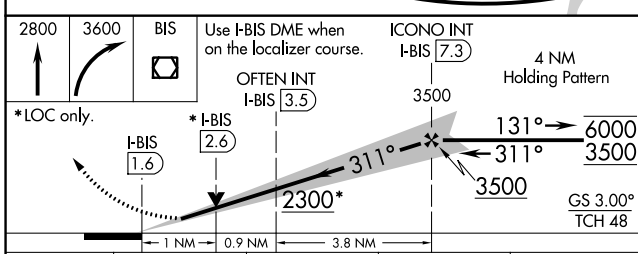
DME required for procedure entry.		MALSR	MISSED APPROACH: Climb to 2800 then climbing right turn to 3600 direct BIS VOR/DME and hold.
Autopilot coupled approach NA below 2680. For inop ALS, increase S-LOC 31 OFTEN FIX Cat C/D minimums visibility to RVR 5500.		ASR -35°C	

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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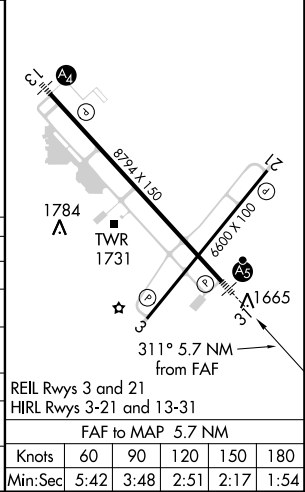
NC-1, 12 SEP 2019 to 10 OCT 2019

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ELEV 1661	D	TDZE 1645
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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)
C 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)
C CIRCLING	2240-1	579 (600-1)	2460-2¼ 799 (800-2¼)	2460-2½ 799 (800-2½)



Knots	60	90	120	150	180
Min:Sec	5:42	3:48	2:51	2:17	1:54