

ILS or LOC RWY 31

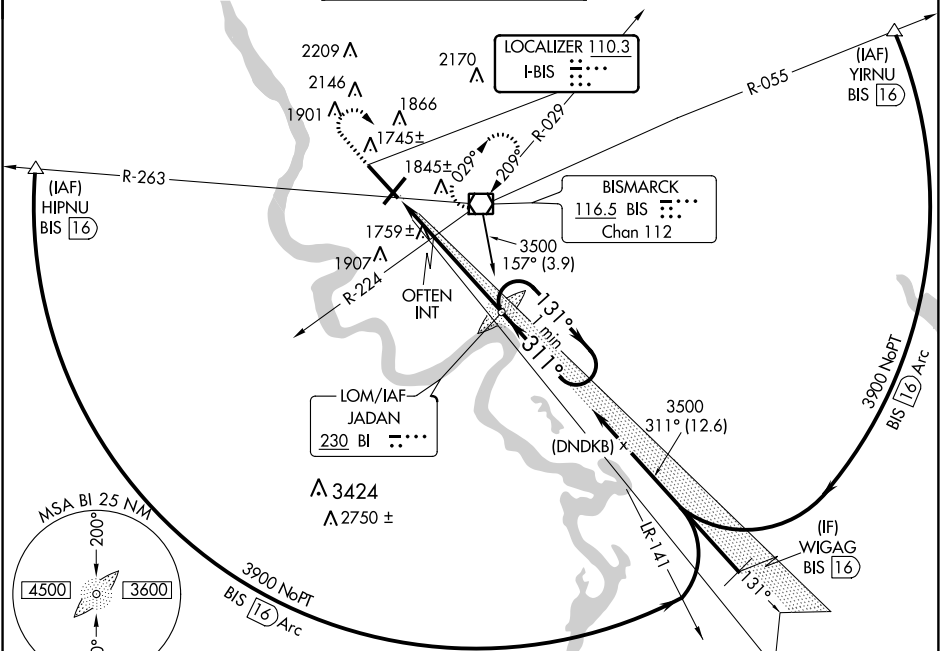
BISMARCK MUNI (BIS)

LOC I-BIS 110.3	APP CRS 311°	Rwy Ldg THRE Apt Elev 8794 1645 1661
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Autopilot coupled approach NA below 2680.

MALS MISSED APPROACH: Climb to 2800 then climbing right turn to 3600 direct BIS VOR/DME and hold.

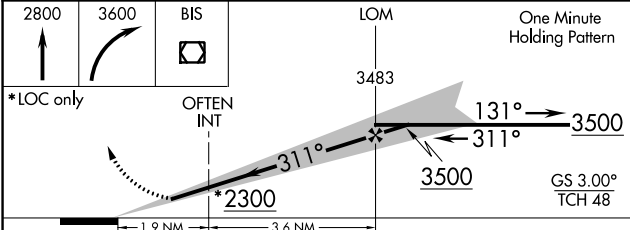
ATIS 119.35	BISMARCK APP CON* 126.3 298.9	BISMARCK TOWER* 118.3 (CTAF) 257.8	GND CON 121.9	UNICOM 122.95
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NC-1, 07 FEB 2013 to 07 MAR 2013

NC-1, 07 FEB 2013 to 07 MAR 2013

ELEV 1661	D THRE 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)	2300-1⅞	655 (700-1⅜)
CIRCLING	2300-1	639 (700-1)	2300-1⅞	2320-2
OFTEN FIX MINIMUMS (DUAL VOR RECEIVERS REQUIRED)				
S-LOC 31	2020/24	375 (400-½)	2020/35	375 (400-¾)
CIRCLING	2240-1	579 (600-1)	2240-1½	2320-2
			579 (600-½)	659 (700-2)

REIL Rwy 3 and 21 from FAF
HRL Rwy 3-21 and 13-31

FAF to MAP 5.5 NM

Knots	60	90	120	150	180
Min:Sec	5:30	3:40	2:45	2:12	1:50