

25163

RNAV (GPS) X RWY 31
FRIEDMAN MEML (SUN)

MISSED APPROACH: (Do not exceed 185 KIAS until WOGAR) Climb to 10500 direct JOTBO and on track 231° to WOGAR and on track 147° to PRESN and hold. *Missed approach requires minimum climb of 420 feet per NM to 9500; if unable to meet climb gradient, see RNAV (GPS) Y RWY 31.

9147
WOGAR
8826
231° (6.6)
6515
6873
7174
6298
(MAP) CAKIR
6885
(FAF) GUNKS
7400
(IF) JUNOL
3200
Final Approach course offset 8.40°
8097
8468
7988
6976
6000
7000
8000
MSA CAKIR 25 NM
13000
10400
092° (11.8)
SOLDE
ELEV 5320 TDZE 5289
TWR 5353
5340
ZSSGX 100
0.8% UP
31
320°
7 NM
8600
024° (11.0)
Procedure NA for arrivals at PRESN on V500 westbound.
(IAF) PRESN
010°
190°
7 NM
8600
309° (11.7)
(IAF) OREYE
8600
295° (15.5)
HOLD 9000
MENIN
298°
116°
7 NM
NoPT for arrivals at MENIN on V500 westbound, V231 northbound, V320 southbound.
10500 JOTBO WOGAR tr 231° PRESN tr 147° GUNKS JUNOL
CAKIR
320°
7400
3.50°
TCH 55
0.5 NM 5.1 NM 5 NM
CATEGORY A B C D
LP MDA* 6180-1 1/4 891 (900-1 1/4) 6180-2 1/2 891 (900-2 1/2)
LNAV MDA* 6920-1 1/2 1631 (1600-1 1/2) 6920-3 1631 (1600-3)

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NW-1, 30 OCT 2025 to 27 NOV 2025

NW-1, 30 OCT 2025 to 27 NOV 2025