

LOC RWY 17
MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN (MSP)

MISSED APPROACH: Climb to 1300 then climbing right turn to 3000 direct FGT VORTAC and hold.

IAF Gopher
117.3 GEP
Chan 120

Procedure NA for arrival on GEP VORTAC airway radials 085 CW 182.

4000
131° (5)

350°

2800
170°
(6.1)

1743

1030
953±

ARJAE INT
I-TJZ [11.8]

CHETZ INT
I-TJZ [5.7]

BOBEE INT
I-TJZ [3.6]

R-037
R-046

FLYING CLOUD
117.7 FCM
Chan 124

MISSED APCH FIX

FARMINGTON
FGT
115.7
Chan 104

R-178-358°
178°

LOCALIZER 110.95
I-TJZ
Chan 46(Y)

ELEV 842 TDZE 840

MSA GEP 25 NM

3500
2700
090°
360°

The diagram shows a plan view of the airport's instrument landing system. It includes the following details:

- ELEV 842**: Elevation at the top left.
- D TDZE 840**: Decision Height (TDZE) at the top center.
- 170°**: Magnetic heading indicator pointing towards the top left.
- TWR**: Tower location marked with a square symbol.
- Rwys and Distances**:
 - 12L**: Runway 12 Left, distance 1.2 miles.
 - 12R**: Runway 12 Right, distance 1.2 miles.
 - 30L**: Runway 30 Left, distance 1.0 mile.
 - 30R**: Runway 30 Right, distance 1.0 mile.
 - 35**: Runway 35, distance 1.0 mile.
 - 8000 X 150**: Distance from TWR to runway 12L/12R intersection.
 - 10000 X 200**: Distance from TWR to runway 30L/30R intersection.
 - 3200 X 150**: Distance from TWR to runway 35.
- Navigation Aids**: Various symbols for VORTAC stations (circles with letters like A, S, P), DME arcs (circles with numbers like 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100), and other navigational symbols.
- HIRL all Rwys**: High Intensity Low Frequency lights for all runways.
- REIL Rwy 17**: Runway End Identifier Lights for Runway 17.
- TDZ/CL Rwys 12L, 12R, 30L, and 35**: Touchdown Zone/Centerline lights for runways 12L, 12R, 30L, and 35.
- FAF to MAP 5.9 NM**: Final Approach Fix to Map distance of 5.9 nautical miles.
- Speed and Time Table**:

	Knots	60	90	120	150	180
Min:Sec	5:54	3:56	2:57	2:22	1:58	