

WAAS

CH **60927**

**W22A**

APP CRS

**225°**

Rwy Idg

**10006**

TDZE

**828**

Apt Elev

**842**

RNAV (GPS) RWY 22

MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN (MSP)

RNP APCH

▼ Rwy 22 helicopter visibility reduction below RVR 4000 NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -27°C or above 54°C. For inop ALS, increase LPV Cat E visibility to RVR 5500, LNAV/VNAV all Cats visibility to RVR 6000 and LNAV Cat A/B visibility to RVR 5500, and Cat E to 1 ¾ SM.

MALSR

AS

MISSED APPROACH: Climb to 3000 direct JOGTO and on track 159° to FGT VORTAC and hold.

D-ATIS

ARR **135.35**

239.275

DEP **120.8**

MINNEAPOLIS APP CON

**118.725**

**335.65**

(Rwy 35)

**119.3**

**335.65**

(12L-30R, 4-22, 17)

**126.95**

**335.65**

(12R-30L)

MINNEAPOLIS TOWER

**123.675**

**273.55**

(17-35)

**123.95**

**273.55**

(12L-30R)

**126.7**

**273.55**

(12R-30L, 4-22)

GND CON

**N 121.8**

**348.6**

**S 121.9**

**348.6**

**W 127.925**

**348.6**

CLNC DEL

**133.2**

Procedure NA for arrivals at WHISK on V78 eastbound.

Procedure NA for arrivals at WHISK on V78 eastbound.

IAF WHISK 4000 200° (7-3)

IF FATES 2600 225° (6)

FAF JALUN 2600 225° (6)

RW22 2600

1549 1743 1290 1101 950 1192 1043 978 1121 1307

JOGTO 3000 159° (13-1)

FARMINGTON FGT 3580 178° 4 NM

MSA RW 22 25 NM 3500

ELEV 842

**D** TDZE 828

3000

JOGTO

fr 159°

FGT

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 61).

FATES

\* LNAV only

\* 1.7 NM to RW22

RW22

JALUN

FATES

2600

4000

GP 3.00° TCH 55

CATEGORY	A	B	C	D	E
LPV DA	1190/40 362 (400-¾)				
LNAV/VNAV DA	1227/45 399 (400-¾)				
LNAV MDA	1420/40 592 (600-¾)		1420-1¼ 592 (600-1¼)		
CIRCLING	1420-1 578 (600-1)		1460-1¾ 618 (700-1¾)	1660-2¾ 818 (900-2¾)	1800-3 958 (1000-3)

HIRL all Rwys

REIL Rwy 17

TDZ/CL Rwys 12L, 12R, 30L, and 35

MINNEAPOLIS, MINNESOTA

Amtd 1C 10SEP20

MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN (MSP)

44°53'N-93°13'W

RNAV (GPS) RWY 22