

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or feet RVR.

<u>AIRPORT ID</u> 6E5	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 34	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> DESMET	<u>STATE</u> SD
<u>AIRPORT ELEVATION</u> 1730	<u>TDZE</u> 1730	<u>ORIGINAL/AMENDMENT</u> NONE	<u>DATED</u>	<u>EPOCH YEAR</u> 2025
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 5 SEPTEMBER 2024	<u>REQUIRED EFFECTIVE DATE</u> CONCURRENT WITH AIRSPACE DOCKET # 20-AGL-14	<u>MAG VAR</u> 3E <u>CANCEL/SUSPEND</u>

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 247/30 CW 067/30	NOPT	JAPPY	IF/IAF	3600
2. 067/30 CW 157/30		TEBPI	IAF	3600
3. 157/30 CW 247/30		POFWI	IAF	3600

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
TEBPI	IAF	JAPPY	NOPT	TF	FB	1.00	066.51	6.35	3600
POFWI	IAF	JAPPY	NOPT	TF	FB	1.00	246.70	6.35	3600
JAPPY	IF/IAF	WANGL		TF	FB	1.00	336.60	5.00	3400
WANGL	FAF	AZOBI/1.62 NM TO RW34		TF	FB	0.30	336.58	3.52	
AZOBI/1.62 NM TO RW34		RW34	MAP	TF	FO	0.30	336.58	1.62	
RW34	MAP	1980 MSL		CA			336.58		
1980 MSL		EFIHO		DF	FO	1.00			3600

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW34

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3600 DIRECT EFIHO AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD SE JAPPY, RT, 336.60 INBOUND, 3600 FT. IN LIEU OF PT (IAF), MAX 6000.														
3.	FAC:	336.58	FAF:	WANGL	DIST FAF TO MAP:	5.13	DIST FAF TO THLD:	5.13							
4.	MIN ALT:	JAPPY 3600, WANGL 3400, AZOBI/1.62 NM TO RW34 2280													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		250 HAT:	0.67	GS ANT:				
6.	MIN GP INCPT:	3400	GP ALT AT PFAF:	WANGL 3400					OM:		MM:			IM:	
7.	GP ANGLE:	3.00	34:1:	IS NOT CLEAR	20:1:	IS CLEAR	TCH:	35.0							
8.	MSA FROM:														

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18°C OR ABOVE 54°C.
CHART NOTE: RWY 34 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING MDS ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MDS ALTIMETER SETTING AND INCREASE LPV DA TO 2056 FEET; INCREASE LNAV/VNAV DA TO 2180 FEET AND ALL VISIBILITIES 3/8 SM. INCREASE ALL MDAS 80 FEET.

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 156.48 INBOUND.
FAS OBST: 1849 TREE 442521N/0973354W.
CHART VDP AT 1.05 NM TO RW34.
WAAS CHANNEL # 40048
REFERENCE PATH ID: W34A
LTP HAE: 502.4 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA	1980	1	250	1980	1	250		NA			NA				
LNAV/VNAV DA	2100	1	370	2100	1	370		NA			NA				
LNAV MDA	2100	1	370	2100	1	370		NA			NA				
CIRCLING	2180	1	450	2220	1	490		NA			NA				

CHANGES - REASONS

ORIGINAL PROCEDURE



COORDINATED WITH:

A4A

☐

ALPA

☒

AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER: AMGR, ZMP

FLIGHT CHECKED BY

GLEN B FREEMAN

Digitally signed by

ROBERT G HAMILTON

Jul 19, 2024

OFFICE

FPO

DATE

07/17/2024

DEVELOPED BY

JOHN BORDY (PHILLIP SMART)

Digitally signed by

ROBERT G HAMILTON

Jul 19, 2024

OFFICE

AJV-A433

DATE

02/16/2024

APPROVED BY

JOHN BORDY

Digitally signed by

ROBERT G HAMILTON

Jul 19, 2024

OFFICE

AJV-33

DATE

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD

OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

DATA

0
0
6E5
RW34
0
0
W34A
442541.8540N
0973320.4670W
+05024
442705.3335N
0973403.9330W
00035.0
F
03.00
106.75
1624
40.0
50.0

CRC REMAINDER

936C4A11

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K3
+05273
+05273

