

**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> KTDW	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 35	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>CITY</u> AMARILLO	<u>STATE</u> TX		
<u>AIRPORT ELEVATION</u> 3649	<u>TDZE</u> 3641	<u>SUPERSEDED</u> RNAV (GPS) RWY 35	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 05/20/2021	<u>MAG VAR</u> 8E	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 27 JANUARY 2022	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

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>
PNH VORTAC		ZERAR		TF	FO	1.00	194.41	16.41	6100
YOCAN	IAF	ZERAR	NOPT	TF	FB	1.00	334.45	14.43	6100
ZERAR	IF/IAF	ARUZI		TF	FB	1.00	351.88	6.20	5200
ARUZI	FAF	RW35	MAP	TF	FO	0.30	351.88	4.77	
RW35	MAP	4100 MSL		CA			351.88		4100
4100 MSL		ZERAR		DF	FO	1.00			6100

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW35

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4100 THEN CLIMBING LEFT TURN TO 6100 DIRECT ZERAR AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6100.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
16
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD S ZERAR, LT, 351.88 INBOUND, 6100 FT. IN LIEU OF PT (IAF), MAX 8000.

3. FAF: 351.88FAF: ARUZI

DIST FAF TO MAP: 4.77

DIST FAF TO THLD: 4.77

4. MIN ALT: ZERAR 6100, ARUZI 5200

5. DIST TO THLD FROM OM:MM:IM:150 HAT:272 HAT: 0.73GS ANT:

6. MIN GP INCPT: 5200GP ALT AT PFAF : ARUZI 5200OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS NOT CLEAR20:1: IS NOT CLEARTCH: 40.0

8. MSA FROM: RW35 6100

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: RWY 35 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: BARO-VNAV NA.
CHART NOTE: USE RICK HUSBAND AMARILLO INTL ALTIMETER SETTING; WHEN NOT RECEIVED, USE HEREFORD ALTIMETER SETTING; INCREASE LPV DA TO 3983 FEET, LNAV/VNAV DA TO 4108 FEET, AND ALL MDAS 80 FEET, AND INCREASE LNAV/VNAV ALL CATS AND CIRCLING CAT B VISIBILITY 1/4 SM.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PNH VORTAC AIRWAY RADIALS 118 CW 261.

ADDITIONAL FLIGHT DATA:

CHART RICK HUSBAND AMARILLO INTL ASOS.
CHART FAS OBST: 3961 TOWER (48-008543) 350650N/1014918W.
WAAS CHANNEL # 42632
REFERENCE PATH ID: W35A
CHART CIRCLING ICON.
LTP HAE: 1083.4 M

MINIMUMS:

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

ALTERNATE: NA ☒

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	3913	1	272	3913	1	272		NA			NA				
LNAV/VNAV DA	4038	1 1/8	397	4038	1 1/8	397		NA			NA				
LNAV MDA	4300	1	659	4300	1	659		NA			NA				
CIRCLING	4300	1	651	4420	1	771		NA			NA				



CHANGES - REASONS

1. INCORPORATED CHANGES FROM P-NOTAM FOR AMDT ORIG-B INTO FORM - 8260.19I 8-3-4.C (3).
2. ADDED "MAX 8000" TO PROFILE LINE 2 - 8260.19I 8-6-7.B (2).
3. ADDED "ZERAR 6100" TO PROFILE LINE 4 - 8260.19I 8-6-7 D.
4. ADDED "272 HAT: 0.73" TO PROFILE LINE 5 - 8260.19I 8-6-7.E.
5. ADDED "20:1: IS NOT CLEAR" TO PROFILE LINE 7 - NO SURVEY; 8260.19I 8-6-7.G (3).
6. DELETED "CHART NOTE: DME/DME RNP-0.3 NA" AND ADDED "RNP APCH - GPS." TO PBN REQUIREMENTS NOTE - 8260.19I 8-6-8.B (2).
7. UPDATED CHART NOTE FROM "HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" TO "RWY 35 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED." - 8260.19I 8-6-11.K (3).
8. ADDED "CHART RICK HUSBAND AMARILLO INTL ASOS." TO ADDITIONAL FLIGHT DATA - 8260.19I 8-2-4.B (3).
9. AMENDED ADDITIONAL FLIGHT DATA FROM "CHART FAS OBST: 3959 TOWER 350650N/1014918W." TO "CHART FAS OBST: 3961 TOWER (48-008543) 350650N/1014918W." - 8260.19I 8-6-10.C. ADDED OBSTACLE ID.
10. ADDED "CHART CIRCLING ICON." TO ADDITIONAL FLIGHT DATA - 8260.19I 8-6-10.S.
11. UPDATED MISSED INSTRUCTIONS, ADDED CLIMB-IN-HOLD TO 6000 - OCS BELOW 6000 AT CLEARANCE LIMIT.
12. CHANGED FEEDER FROM YOCUN TO AN IAF (NOPT) - NO CHANGE IN FLT TRACK, ELIMINATES PT REQUIREMENT.
13. ADDED NOTE "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PNH VORTAC AIRWAY RADIALS 118 CW 261." - 8260.19I 8-2-5 G(2).

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZAB, AMA ATCT, ARPT MGR, ST. AV. DIR

FLIGHT CHECKED BY

JEFFREY J SCORSE

OFFICE

FPO

DATE

10/26/2021

*Digitally signed by***DAVID TEFFETELLER**

Oct 27, 2021

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021
GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

OFFICE

AJV-A431

DATE

08/25/2021

*Digitally signed by***DAVID TEFFETELLER**

Oct 27, 2021

OFFICE

AJV-A430

DATE**TITLE**

MANAGER

DEVELOPED BY

DONALD H. LANIER (COLE NESBITT)

APPROVED BY

LONNIE EVERHART

Digitally signed by
DAVID TEFFETELLER

Oct 27, 2021



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KTDW
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	350953.5845N
LTP/FTP LONGITUDE	1014935.0650W
LTP/FTP ELLIPSOIDAL HEIGHT	+10834
FPAP LATITUDE	351122.8200N
FPAP LONGITUDE	1014935.3000W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1288
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	456E25F5

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+11094
FPAP ORTHOMETRIC HEIGHT	+11094

