

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> GYI	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 36R	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> SHERMAN/DENISON	<u>STATE</u> TX
<u>AIRPORT ELEVATION</u> 749	<u>TDZE</u> 749	<u>SUPERSEDED</u> RNAV (GPS) RWY 35R	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>DATED</u> 12/31/2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 16 MAY 2024	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 3E
				<u>EPOCH YEAR</u> 2025
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
BYP VORTAC		SERYO		TF	FO	1.00	263.78	22.42	3000
SERYO	IF/IAF	YINCU		TF	FB	1.00	358.78	6.11	2400
YINCU	FAF	URACU/1.90 NM TO RW36R		TF	FB	0.30	358.78	3.13	
URACU/1.90 NM TO RW36R		RW36R	MAP	TF	FO	0.30	358.78	1.90	
RW36R	MAP	949 MSL		CA			358.78		
949 MSL		GEYEG		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW36R

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT GEYEG AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)
2. HOLD S SERYO, RT, 358.78 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.
3. FAC: 358.78

FAF: YINCU

DIST FAF TO MAP: 5.03

DIST FAF TO THLD: 5.03
4. MIN ALT: SERYO 3000, YINCU 2400, URACU/1.90 NM TO RW36R 1400
5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

200 HAT: 0.47

GS ANT:
6. MIN GP INCPT: 2400

GP ALT AT PFAF: YINCU 2400

OM:

MM:

IM:
7. GP ANGLE: 3.00

34:1: IS CLEAR

20:1: IS CLEAR

TCH: 50.5
8. MSA FROM: RW36R 3800



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING RWY 18R, 36L NA AT NIGHT.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -10°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON BYP VORTAC AIRWAY RADIALS 264 CW 305.

ADDITIONAL FLIGHT DATA:

HOLD N, LT, 178.78 INBOUND.
CHART VDP AT 1.31 NM TO RW36R.
WAAS CHANNEL # 65928
REFERENCE PATH ID: W36A
CHART CIRCLING ICON.
LTP HAE: 202.3 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD; STANDARD - CAT D 800-2 1/2, 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	949	3/4	200	949	3/4	200	949	3/4	200	949	3/4	200			
LNAV/VNAV DA	1220	1 3/8	471	1220	1 3/8	471	1220	1 3/8	471	1220	1 3/8	471			
LNAV MDA	1220	3/4	471	1220	3/4	471	1220	1 1/8	471	1220	1 1/8	471			
CIRCLING	1300	1	551	1300	1	551	1400	1 3/4	651	1540	2 1/2	791			

CHANGES - REASONS

- PROCEDURE NAME CHANGED FROM RNAV (GPS) RWY 35R TO RNAV (GPS) RWY 36R - MAGVAR ROTATION AND RUNWAY NUMBERS UPDATED.
- TERMINAL ROUTES: BYP VORTAC TO SERYO COURSE CHANGED FROM "260.78" TO "263.78" - MAGVAR ROTATION.
- TERMINAL ROUTES: SERYO TO YINCUB COURSE CHANGED FROM "355.78" TO "358.78" - MAGVAR ROTATION.
- TERMINAL ROUTES: CHANGED "YINCUB TO URACU/1.90 NM TO RW35R" TO "YINCUB TO URACU/1.90 NM TO RW36R" AND COURSE CHANGED FROM "355.78" TO "358.78" - MAGVAR ROTATION AND RUNWAY NUMBERS UPDATED.
- TERMINAL ROUTES: CHANGED "URACU/1.90 NM TO RW35R TO RWY 35R" TO "URACU/1.90 NM TO RW36R TO RW36R" AND COURSE CHANGED FROM "355.78" TO "358.78" - MAGVAR ROTATION AND RUNWAY NUMBERS UPDATED.
- TERMINAL ROUTES: CHANGED "RW35R TO 949 MSL" TO "RW36R TO 949 MSL" AND COURSE CHANGED FROM "355.78" TO "358.78" - MAGVAR ROTATION AND RUNWAY NUMBERS UPDATED.
- PROFILE LINE 2: CHANGED "HOLD S SERYO, RT, 355.78 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000" TO "HOLD S SERYO, RT, 358.78 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000" - MAGVAR ROTATION.
- PROFILE LINE 3: FAC CHANGED FROM "355.78" TO "358.78" - MAGVAR ROTATION.
- PROFILE LINE 4: ASTERICK REMOVED AND MIN ALT CHANGED FROM "SERYO 3000, YINCUB 2400, URACU/1.90 NM TO RW35R 1400*" TO "SERYO 3000, YINCUB 2400, URACU/1.90 NM TO RW36R 1400" - IAW 8260.19I AND MAGVAR ROTATION AND RUNWAY NUMBERS UPDATED.
- PROFILE LINE 8: MSA CHANGED FROM "RW35R 3800" TO "RW36R 3800" - MAGVAR ROTATION AND RUNWAY NUMBERS UPDATED.
- PBN REQUIREMENT NOTES: CHANGED FROM "RNP APCH" TO "RNP APCH - GPS" - IAW 8260.19I.
- NOTES: CHANGED FROM "CHART NOTE: CIRCLING RWY 13, 17R, 31, 35L NA AT NIGHT" TO "CHART NOTE: CIRCLING RWY 18R, 36L NA AT NIGHT" - RWY 13/31 CLOSED AND MAGVAR ROTATION AND RUNWAY NUMBERS UPDATED.
- NOTES: CHANGED "CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV AND LNAV/VNAV" TO "CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV" - NEW EVALUATION PERFORMED.
- CRC REMAINDER CHANGED FROM "1545E15C" TO "0E83980E" - REFERENCE PATH ID CHANGED, FPAP LAT/LONG CHANGED AND RUNWAY NUMBER CHANGED..
- MINIMUMS: LNAV/VNAV HAT/DA CHANGED FROM 545/1294 TO 471/1220 AND VISIBILITY CHANGED FROM 1 5/8 TI 1 3/8 - LOWERED TO MATCH LNAV MINS.



COORDINATED WITH:

A4A

☐

ALPA

☒

AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER:

ZFW, AMGR, ST AVIATION DIR

FLIGHT CHECKED BY

JEFFREY J SCORSE

Digitally signed by

RAKE MCGRAW

Feb 08, 2024

OFFICE

FPO

DATE

02/06/2024

DEVELOPED BY

JOHN BORDY (BRITNEY ARMENTROUT)

Digitally signed by

RAKE MCGRAW

Jan 22, 2024

OFFICE

AJV-A422

DATE

11/27/2023

APPROVED BY

JOHN BORDY

Digitally signed by

RAKE MCGRAW

Feb 08, 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
KGYI
RW36R
0
0
W36A
334205.7495N
0964024.5505W
+02023
334334.9690N
0964021.2295W
00050.5
F
03.00
106.75
0008
40.0
35.0

CRC REMAINDER

0E83980E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K4
+02283
+02283

