

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</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>	
NORTH TEXAS RGNL/PERRIN FIELD	KGYI	RNAV (GPS) RWY 35R	ORIG-B	SHERMAN/DENISON	TX	
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
749	749	RNAV (GPS) RWY 35R	ORIG-A	05/29/2014	6E	1995
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
RNAV		15 AUGUST 2019	ROUTINE			

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>
URH VOR/DME		SERYO		TF	FO	1.00	203.44	29.45	3000
BYP VORTAC		SERYO		TF	FO	1.00	260.78	22.42	3000
SERYO	IF/IAF	YINCU		TF	FB	1.00	355.78	6.11	2400
YINCU	FAF	URACU/1.90 NM TO RW35R		TF	FB	0.30	355.78	3.13	
URACU/1.90 NM TO RW35R		RW35R	MAP	TF	FO	0.30	355.78	1.90	
RW35R	MAP	949 MSL		CA			355.78		
949 MSL		GEYEG		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW35R

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, 355.78 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.				
3. FAC:	355.78	FAF: YNCU	DIST FAF TO MAP: 5.03	DIST FAF TO THLD: 5.03	
4. MIN ALT:	SERYO 3000, YNCU 2400, URACU/1.90 NM TO RW35R 1400*				
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	GS ANT:	
6. MIN GP INCPT: 2400	GP ALT AT FAF : YNCU 2400			OM:	MM: IM:
7. GP ANGLE: 3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 50.5		
8. MSA FROM:	RW35R 3800				

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING RWY 13, 17R, 31, 35L NA AT NIGHT.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV AND LNAV/VNAV.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON BYP VORTAC AIRWAY RADIALS 264 CW 305.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON URH VOR/DME AIRWAY RADIAL 247.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART VDP AT 1.31 NM TO RW35R*
*LNAV ONLY
WAAS CHANNEL #65928
REFERENCE PATH ID: W35A
CHART FAS OBST: 969 TREE 334050N/0964059W.
HOLD N, LT, 175.78 INBOUND
LTP HAE: 202.3 M

MINIMUMS:

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

ALTERNATE: NA ☐ 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	1294	1 5/8	545	1294	1 5/8	545	1294	1 5/8	545	1294	1 5/8	545			
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			

QUALITY
24
CHECKED

CHANGES - REASONS

1. UPDATED CHART NOTE: NIGHT LANDING RWY 13, 31 NA TO CIRCLING RWY 13, 17R, 31, 35L NA AT NIGHT. - RWY 13, 17R, 31 AND 35L DO NOT HAVE SURVEYS.
2. DELETED CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DURANT ALTIMETER SETTING AND INCREASE ALL DA 52 FEET AND ALL MDA 60 FEET; INCREASE LPV ALL CATS, LNAV/VNAV ALL CATS, AND CIRCLING CAT C/D VISIBILITY 1/4 MILE; INCREASE LNAV CAT C/D VISIBILITY 1/8 MILE. - PER 8260.19H PARA 8-6-9F3.
3. DELETED CHART NOTE: DME/DME RNP-0.3 NA AND ADDED EQUIPMENT REQUIREMENTS NOTE: RNP APCH. - PER 8260.19H PARA 4-6-10E.
4. REMOVED CHART NOTE: BARO-VNAV NA WHEN USING DURANT ALTIMETER SETTING TO PART-C GENERAL REMARKS OF 8260-9. - PER 8260.19H PARA 8-6-9F3.
5. CHANGED CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (-4F) OR ABOVE 39C (102F). TO FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C OR ABOVE 54C. - PER 8260.19H PARA 8-6-9S/TARGETS DERIVED VALUE.
6. CHANGED CIRCLING CAT C MINIMUMS FROM CMDA 1300/HAA 551 TO CMDA 1400/HAA 651 AND CAT D MINIMUMS FROM CMDA 1400/HAA 651 TO CMDA 1540/HAA 791. - UPDATED CIRCLING RADII TO 8260.3C PARA 2-7-1 A2.
7. CHANGED PROFILE VIEW FROM 34:1 IS NOT CLEAR TO 34:1 IS CLEAR. - NEW TARGETS EVALUATION.
8. ADDED 20:1 IS CLEAR TO PROFILE VIEW. - NEW TARGETS EVALUATION.
9. CHANGED CIRCLING CAT C VISIBILITY FROM 1 1/2 SM TO 1 3/4 SM, CIRCLING CAT D VISIBILITY FROM 2 SM TO 2 1/2 SM. - NEW CIRCLING CRITERIA APPLIED.
10. DELETED CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. - NEW TARGETS EVALUATION.
11. ADDED MAX HOLDING 6000 AT SERYO - 19H REPORTS DATA.
12. ADDED "CHART CIRLING ICON" TO ADDITIONAL FLIGHT DATA - NEW CIRCLING CRITERIA APPLIED.
13. ALTERNATE MINIMUMS NOTE CHANGED FROM STANDARD TO NA WHEN LOCAL WEATHER NOT AVAILABLE.; STANDARD - CAT D 800-2 1/2 - NEW TARGETS EVALUATION AND CURRENT CRITERIA.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZFW, APT MGR, ST AVIATION DIR

FLIGHT CHECKED BY*Digitally signed by***DONALD H LANIER**

MICHAEL S MILLER

Jun 17, 2019

OFFICE

FICO

DATE

6/5/19

DEVELOPED BY*Digitally signed by*WARDELL HENNING (THOR CORNELL) **DONALD H LANIER**

Jun 17, 2019

OFFICE

AJV-A432

DATE

02/06/2019

APPROVED BY*Digitally signed by*

LONNIE EVERHART

DONALD H LANIER

Jun 17, 2019

OFFICE

AJV-A430

DATE**TITLE**
MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGYI
RUNWAY	RW35R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	334205.7495N
LTP/FTP LONGITUDE	0964024.5505W
LTP/FTP ELLIPSOIDAL HEIGHT	+02023
FPAP LATITUDE	334334.9700N
FPAP LONGITUDE	0964021.2300W
THRESHOLD CROSSING HEIGHT (TCH)	00050.5
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0008
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	1545E15C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+02283
FPAP ORTHOMETRIC HEIGHT	+02283

