

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> GILLESPIE COUNTY	<u>AIRPORT ID</u> T82	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 32	<u>ORIGINAL/AMENDMENT</u> 1D	<u>CITY</u> FREDERICKSBURG	<u>STATE</u> TX	
<u>AIRPORT ELEVATION</u> 1695	<u>TDZE</u> 1685	<u>SUPERSEDED</u> RNAV (GPS) RWY 32	<u>ORIGINAL/AMENDMENT</u> 1C	<u>DATED</u> 11/12/2015	<u>MAG VAR</u> 6E	<u>EPOCH YEAR</u> 2005
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 231/30 CW 051/30	NOPT	CIRIX	IF/IAF	4500
2. 051/30 CW 231/30		CIRIX	IF/IAF	4500

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>
CIRIX	IF/IAF	REYOS		TF	FB	1.00	320.81	7.00	3300
REYOS	FAF	WODAB/2.60 NM TO RW32		TF	FB	0.30	320.76	2.35	
WODAB/2.60 NM TO RW32		RW32	MAP	TF	FO	0.30	320.76	2.60	
RW32	MAP	1935 MSL		CA			320.76		
1935 MSL		UCETI		DF	FO	1.00			4000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW32

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4000 DIRECT UCETI AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD SE CIRIX, RT, 320.81 INBOUND, 4500 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 320.77FAF: REYOSDIST FAF TO MAP: 4.95DIST FAF TO THLD: 4.95

4. MIN ALT: CIRIX 4500, REYOS 3300, WODAB/2.60 NM TO RW32 2540*

5. DIST TO THLD FROM OM:MM:IM:150 HAT:250 HAT: 0.64GS ANT:

6. MIN GP INCPT: 3300GP ALT AT FAF : REYOS 3300OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS NOT CLEAR20:1: IS CLEARTCH: 45.3

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 32 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
*LNAV ONLY

ADDITIONAL FLIGHT DATA:

CHART VDP AT 1.21 NM TO RW32*
*LNAV ONLY
WAAS CHANNEL #81930
REFERENCE PATH ID: W32A
CHART FAS OBST: 1849 TREE 301200N/0985319W.
HOLD NW, RT, 140.66 INBOUND
LTP HAE: 488.9 M

MINIMUMS:

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

ALTERNATE: NA

☐

STANDARD - CAT C 800-2 1/4

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	1935	1	250	1935	1	250	1935	1	250		NA				
LNAV/VNAV DA	1967	1	282	1967	1	282	1967	1	282		NA				
LNAV MDA	2100	1	415	2100	1	415	2100	1 1/4	415		NA				
CIRCLING	2200	1	505	2340	1	645	2480	2 1/4	785		NA				



CHANGES - REASONS

1. REMOVED "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE KERRVILLE ALTIMETER SETTING AND INCREASE ALL LNAV MDA TO 2160 FEET AND INCREASE ALL CAT C VISIBILITY 1/4 MILE." - REMOVED FOR CONTINGENCY PURPOSES.
2. REMOVED "CHART NOTE: BARO-VNAV NA WHEN USING KERRVILLE ALTIMETER SETTING." - REMOVED FOR CONTINGENCY PURPOSES.
3. REMOVED CHART NOTE "DME/DME RNP-0.3 NA" REMOVED - 8260.19H 4-6-10.E.
4. ADDED "CHART NOTE PBN REQUIREMENTS NOTE: RNP APCH" ADDED - 8260.19H 8-6-8.
5. ADDED 20:1 IS CLEAR - INCLUDED ON NEW FORM.
6. ADDED "CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})." - TCH VALUES DIFFER.
7. CHANGES FROM P-NOTAMS FOR AMDT 1A-1C INCORPORATED INTO FORM - IAW 8260.19H PARA 8-3-4(C)(3).
8. CHANGED NOTE FROM: "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C (0F) OR ABOVE 54C (130F)." TO "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C OR ABOVE 54C." - IAWQ 8260.19H PARA 8-6-9.S.
- UPDATED HELICOPTER NOTE...
9. REMOVED ALTERNATE MINIMUMS NOTE - TO PART C - REMARKS - LOCAL ALTIMETER SOURCE ON WMSCR AND DEEMED RELIABLE.
10. ADDED VDP - 20:1 SURFACE CLEAR.
11. ADDED MAX HOLDING 6000 AT CIRIX - 8260-19H, 8-5-1H(2)J2.
12. CHANGED HELICOPTER NOTE FROM "HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA." TO "RWY 32 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA." - 20:1 SURFACE CLEAR.

PDF EDITING USED TO REMOVE "ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED." - OLD CIRCLING CRITERIA USED. ALSO TO REMOVE LPV AND LNAV/VNAV MISSED APPROACH PENETRATIONS.
PDF EDITING USED TO UPDATE FCNR NOTE.

COORDINATED WITH:

A4A☐

ALPA☒

AOPA☒

APA☐

HAI☐

NBAA☒

OTHER: ZHU, ST.AV.DIR, AIRPORT MANAGER

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE

Digitally signed by

DAVID TEFFETELLER

Jan 28, 2019

DATE

DEVELOPED BY

FRANK MOORE

OFFICE

AJV-5433

DATE

07/30/2018

APPROVED BY

PATRICK MULQUEEN

Digitally signed by

FRANK MOORE

Jan 17, 2019

Digitally signed by

DAVID TEFFETELLER

Jan 28, 2019

OFFICE

AJV-5430

DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	T82
RUNWAY	RW32
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W32A
LTP/FTP LATITUDE	301414.9780N
LTP/FTP LONGITUDE	0985417.4395W
LTP/FTP ELLIPSOIDAL HEIGHT	+04889
FPAP LATITUDE	301529.6600N
FPAP LONGITUDE	0985513.8600W
THRESHOLD CROSSING HEIGHT (TCH)	00045.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER	E7157E79
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+05112
FPAP ORTHOMETRIC HEIGHT	+05112



FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

<u>AIRPORT</u> GILLESPIE COUNTY	<u>AIRPORT ID</u> T82	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 32	<u>AMDT NO.</u> 1D	<u>CITY</u> FREDERICKSBURG	<u>STATE</u> TX	<u>AIRPORT ELEVATION</u> 1695	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

<u>FROM</u> 231/30 CW 051/30	<u>TO</u> CIRIX
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<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
1.TOWER (48-005142)	293639.00N/0985334.00W	3049	500	125	5E	1000				AT451	4500
2.TERRAIN	295106.00N/0990957.00W	2061 (2100)								AS1500	3600

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT REMARKS:

STRAIGHT-IN AREA

<u>FROM</u> 051/30 CW 231/30	<u>TO</u> CIRIX
---------------------------------	--------------------

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
3.TOWER (48-010562)	300814.00N/0983636.00W	3049	500	50	5D	1000				AT451	4500
4.TERRAIN	295745.00N/0991754.00W	2277 (2300)								AS1500	3800

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT REMARKS:



INTERMEDIATE

FROM

CIRIX (IF/IAF)

TO

REYOS

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
	7.00										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
5.AAO	300812.00N/0985157.00W	2261	164	98	4E	500				AT441 AC98	3300
6.TERRAIN	300812.00N/0985157.00W	2061 (2100)								AS1000	3100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LPV

FROM

REYOS

TO

RW32

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
	4.95		DA		250						
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
7.TREE (KT82T127)	301412.95N/0985411.85W	1712	50	20	2C		34:1			AC20	1935

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV/VNAV

FROM

REYOS

TO

RW32

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	4.95		DA			282						
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
8.RW32	301414.98N/0985417.44W		1677	20	3	1A		PDA			MA32	1967

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

REYOS

TO

WODAB/2.60 NM TO RW32

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	2.35											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
9.AAO	300958.05N/0985100.31W		2199	50	20	2C	250				RA54 DG20	2540

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV STEPDOWN

FROM

WODAB/2.60 NM TO RW32

TO

RW32

RNP	DISTANCE	PAT	MAP	HAT	HMAS							
	2.60		RW32	415								
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
10.TREE	301200.18N/0985318.82W		1849	50	20	2C	250					2100

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

HOLD-IN-LIEU OF PT

FROM

CIRIX

TO

P-5

RNP	DISTANCE	PAT	MAP	HAT	HMAS							
		P-5										
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
5.AAO	300812.00N/0985157.00W		2261	164	98	4E	1000				AT1239	4500
6.TERRAIN	300812.00N/0985157.00W		2061 (2100)								AS1500	3600

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



MISSED APPROACH : LPV

FROM

DA

TO

UCETI

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u> 1740					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
								ASC				4000
12.AAO	302318.00N/0990333.00W		2439	50	20	2C	1000					3500
13.TERRAIN	302318.00N/0990333.00W		2239 (2200)								AS1500	3700

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

MISSED APPROACH : LNAV/VNAV

FROM

DA

TO

UCETI

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u> 1809					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
11.TOWER (48-011168)	301551.00N/0985659.00W		2208	50	10	2B		ASC			AC10	4000
12.AAO	302318.00N/0990333.00W		2439	50	20	2C	1000					3500
13.TERRAIN	302318.00N/0990333.00W		2239 (2200)								AS1500	3700

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



MISSED APPROACH : LNAV

FROM

RW32

TO

UCETI

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u> 2000				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				4000
12.AAO	302318.00N/0990333.00W	2439	50	20	2C	1000					3500
13.TERRAIN	302318.00N/0990333.00W	2239 (2200)								AS1500	3700

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☐ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
14.TREE	301509.00N/0985615.00W	1.30	505	1889	50	20	2C	300			2200
CATEGORY B											
15.TOWER (48-010307)	301559.00N/0985335.00W	1.50	645	2028	20	3	1A	300			2340
CATEGORY C											
16.TOWER (48-001799)	301536.00N/0985314.00W	1.70	785	2130	250	50	4D	300		AC50	2480

CIRCLING REMARKS:

CENTER

RADIUS

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



AIRPORT	AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
GILLESPIE COUNTY	T82	RNAV (GPS) RWY 32	1D	FREDERICKSBURG	TX	1695	RNAV
<p>WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE KERRVILLE ALTIMETER SETTING AND INCREASE ALL LPV DA TO 1989, ALL LNAV/VNAV DA TO 2021, ALL LNAV/VNAV VISIBILITY TO 1 1/8, AND ALL MDA 60 FEET, AND INCREASE LNAV CAT C VISIBILITY TO 1 1/2 SM.</p> <p>VDP AND BARO-VNAV NA WHEN USING KERRVILLE ALTIMETER SETTING.</p> <p>VEGETATION: 50 FT PER FPT.</p> <p>BARO-VNAV N/A ABOVE 84C (183F) CALCULATED HIGH TEMP EXCEEDS 54C - CHART 54 C (130F).</p> <p>LPV SLOPE =34:1.</p> <p>LNAV/VNAV SLOPE 23.4:1.</p>							
<div>QUALITY 24 CHECKED</div>							

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
SJT FSS, ZHU ARTCC

<u>WX SERVICE</u> AWOS	<u>LOCATION</u> KT82	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KT82	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> AWOS	<u>LOCATION</u> KERV	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KERV	<u>DISTANCE</u> 18.44	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 54

WX REMARKS:
RASS PRESSURE PATTERNS THE SAME
KT82 1695, KERV 1617
RA = 53.2.

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW14 - MIRL (PCL), PAPI-2L		NPI-G	
RW32 - MIRL (PCL), PAPI-2L		NPI-G	

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 1677.1	<u>TCH</u> 45.3	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 37.4
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u> -18C	<u>CRITICAL HIGH</u> +54C	<u>ACT</u> -18C	<u>APT ISA</u> -29.64C
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CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 837 HIGH TEMP 1134.

"VISUAL PORTION OF FINAL" PENETRATIONS

Final Type	LPV, LNAV/VNAV, LNAV
34:1	
1689 POLE (48-030574) (50/20) 301408.92N/0985415.95W (0.62)	



AIRPORT	AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
GILLESPIE COUNTY	T82	RNAV (GPS) RWY 32	1D	FREDERICKSBURG	TX	1695	RNAV
<u>HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS</u>							
and/or							
<u>5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS</u>							
PART C: GENERAL REMARKS: PRECIPITOUS TERRAIN EVALUATION COMPLETED. ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.							
<div> <div>QUALITY</div> <div>24</div> <div>CHECKED</div> </div>							
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PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	4.33
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.55
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	326.76
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	2064
DISTANCE FROM	THLD	TO 1500FT POINT	10.15
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	4.00
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	326.81
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	2061

THRESHOLD
COORDINATES
(IF STR-IN)301414.98N/0985417.44W

ARP COORDINATES301435.70N/0985433.10W

RUNWAY APCH END
AND DIST FURTHEST
FROM ARP

RUNWAY 32 DISTANCE 0.41 NM

FAF
COORDINATES301005.82N/0985109.39W

FIX NAME
COORDINATESIF/IAF CIRIX: 300413.58N/0984644.13W

REMARKS
TAA 30 NM RADIUS.



<u>AIRPORT</u> GILLESPIE COUNTY	<u>AIRPORT ID</u> T82	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 32	<u>AMDT NO.</u> 1D	<u>CITY</u> FREDERICKSBURG	<u>STATE</u> TX	<u>AIRPORT ELEVATION</u> 1695	<u>FACILITY</u> RNAV
PART E: PREPARED BY							
<u>NAME</u> FRANK MOORE	<u>OFFICE</u> AJV-5433			<u>DATE</u> 07/30/2018	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST		

QUALITY
24
CHECKED

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