

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
TACAN STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.23

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> MAJORS	<u>AIRPORT ID</u> KGV T	<u>PROCEDURE NAME</u> TACAN RWY 35	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>CITY</u> GREENVILLE	<u>STATE</u> TX	
<u>AIRPORT ELEVATION</u> 535	<u>TDZE</u> 532	<u>SUPERSEDED</u> TACAN RWY 35	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 04/02/2015	<u>MAG VAR</u> 5E	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> MJF TACAN	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<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>
BYP VORTAC		CAJAN/MJF 15.00 DME					166.33	43.31	4000
CAJAN/MJF 15.00 DME	IAF	GESKE/11.00 DME					006.34	4.00 (MJF R-186)	2200
GESKE/11.00 DME	IF	EBENE/5.00 DME					006.34	6.00 (MJF R-186)	1500

MISSED APPROACH

MAP:

HALTI/MJF 1.08 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 3000 ON MJF TACAN R-347 TO WOLFI/15.00 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD S CAJAN, RT, 006.34 INBOUND, 4000 FT. IN LIEU OF PT (IAF), MAX 8000.
3. FAC: 006.34 FAF: EBENE/5.00 DME DIST FAF TO MAP: DIST FAF TO THLD: 4.40
4. MIN ALT: CAJAN/MJF 15.00 DME 4000, GESKE/11.00 DME 2200, EBENE/5.00 DME 1500
8. MSA FROM: MJF TACAN 2400, ESA W/IN 100 NM 4000

EQUIPMENT REQUIREMENTS NOTES:

NOTES:

CHART NOTE: RWY 35 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.



ADDITIONAL FLIGHT DATA:

FAS OBST: 729 AAO 325955N/0960411W.
HOLD N, RT, 167.00 INBOUND.
CHART CIRCLING ICON.
CHART VDP AT 1.82 DME
DISTANCE VDP TO THLD 1.22 NM
FAC CROSSES RWY C/L EXTENDED 3001 FT FROM THLD.

MINIMUMS:**TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT****ALTERNATE:** NA ☐ STANDARD - CAT D 800-2 1/4. CAT E 800-2 3/4, 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
S-35	980	1	448	980	1	448	980	1 3/8	448	980	1 3/8	448	980	1 3/8	448
CIRCLING	1060	1	525	1060	1	525	1060	1 1/2	525	1240	2 1/4	705	1300	2 3/4	765

CHANGES - REASONS

1. ADDED MAX 8000 TO LINE 2. - 8260.19H, 8-6-7, B(2).
2. ADDED "CAT D 800-2 1/4" TO ALT MINIMUMS. - CHANGE REQUIRED BY NEW MINIMA.
3. REMOVED FEEDER LEG FROM UIM VOR DME. - UIM VOR DME DECOMMISSIONED FOR VORMON.
4. AMENDED CIRCLING MINIMUMS MDA/HAA FROM CAT A, B AND C 1040/505 TO CAT A, B AND C 1060/525, FROM CAT D 1100/565 TO CAT D 1240/705 AND FROM CAT E 1280/745 TO CAT E 1300/765. - APPLIED CURRENT CIRCLING CRITERIA TO APPROACH BY MATCHING PREVIOUSLY FLIGHT CHECKED CIRCLING MDAS IAW 8260.3D 2-7-1.
5. DELETED ALL REFERENCES TO KTRL BACK UP WEATHER NOTES ON 8260-5. -PUBLISHED AS CONTINGENCY NOTES ON BACK OF 8260-9.
6. INCREASED CIRCLING CAT D VISIBILITY FROM "2 SM TO 2 1/4 SM". APPLIED CURRENT CIRCLING CRITERIA TO APPROACH.
7. CHANGES FROM P-NOTAM 5/6019 AMDT ORIG-A INCORPORATED INTO FORM - REQUIRED IAW 8260.19H PARA 8-3-4-C(3).

COORDINATED WITH:A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZFW, AMGR**FLIGHT CHECKED BY**

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

OFFICE**DATE***Digitally signed by***JOHN BORDY**

Mar 31, 2020

DEVELOPED BY

ALLAN WILL (DALLIN STRICKLAND)

*Digitally signed by***JOHN BORDY**

Mar 31, 2020

OFFICE

AJV-A423

DATE

12/20/2019

APPROVED BY

MARLON ROBINSON

*Digitally signed by***JOHN BORDY**

Mar 31, 2020

OFFICE

AJV-A420

DATE**TITLE**

MANAGER



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

<u>AIRPORT</u> MAJORS	<u>AIRPORT ID</u> KGVY	<u>PROCEDURE NAME</u> TACAN RWY 35	<u>AMDT NO.</u> ORIG-B	<u>CITY</u> GREENVILLE	<u>STATE</u> TX	<u>AIRPORT ELEVATION</u> 535	<u>FACILITY</u> MJF TACAN
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PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM
BYP VORTAC

TO
CAJAN/MJF 15.00 DME

<u>RNP</u>	<u>DISTANCE</u> 43.31	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
<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 (48-008571)	330934.00N/0960835.00W		1249	50	50	2D	1000				AT1751	4000
2.TERRAIN	333151.00N/0961733.00W		758 (800)								AS1500	2300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM
CAJAN/MJF 15.00 DME

TO
GESKE/11.00 DME

<u>RNP</u>	<u>DISTANCE</u> 4.00	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
<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.TOWER (48-014842)	324933.56N/0960515.86W		851	20	3	1A	1000				AT349	2200
6.TERRAIN	324933.00N/0960833.00W		574 (600)								AS1500	2100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INTERMEDIATE

FROM
GESKE/11.00 DME

TO
EBENE/5.00 DME

RNP	DISTANCE 6.00	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
7.TOWER (48-013745)	325849.00N/0960633.00W		800	500	50	5D	500				AT200	1500
8.TERRAIN	325515.00N/0960706.00W		535 (500)								AS1000	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL

FROM
EBENE/5.00 DME

TO
HALTI/MJF 1.08 DME

RNP	DISTANCE 4.40	PAT	MAP HALTI/MJF 1.08 DME	HAT 448			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
9.AAO	325955.00N/0960411.00W		729	50	20	2C	250					980

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



HOLD-IN-LIEU OF PT

FROM
CAJAN

TO
P-7

RNP	DISTANCE	PAT P-7	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
10.TOWER (48-008916)	323946.50N/0960750.76W		1005	50	20	2C	1000				AT1995	4000
11.TERRAIN	324615.00N/0960533.00W		607 (600)								AS1500	2100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH

FROM
HALT/MJF 1.08 DME

TO
WOLF I/15.00 DME

RNP	DISTANCE	PAT	MAP	HAT			HMAS 730					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3000
12.TOWER (48-009948)	331311.00N/0960749.00W		1102	20	3	1A	1000					2200
13.TERRAIN	331818.00N/0960730.00W		730 (700)								AS1500	2200

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

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											
ATCT (48-093499)	330400.52N/0960413.07W	1.30	525	681	20	3	1A	300		XP60	1060
CATEGORY B											
ATCT (48-093499)	330400.52N/0960413.07W	1.82	525	681	20	3	1A	300		XP60	1060
CATEGORY C											
ATCT (48-012862)	330412.49N/0960643.87W	2.87	525	755	20	3	1A	300			1060
CATEGORY D											
ATCT (48-008356)	330644.92N/0960738.67W	3.74	705	922	50	20	2C	300			1240
CATEGORY E											
ATCT (48-001237)	330803.41N/0960736.00W	4.68	765	932	500	50	5D	300		AC50	1300

CIRCLING REMARKS:

CAT A XP 60 TO MATCH PREVIOUSLY FLIGHT CHECKED CIRCLING MDA.

CAT B XP 60 TO MATCH PREVIOUSLY FLIGHT CHECKED CIRCLING MDA.



MSA

CENTER
MJF TACAN

RADIUS
25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TWR (48-014466)	331900.00N/0962428.00W	311	23.0	1332	250	50	5D	1000			2400

MSA REMARKS:

ESA

CENTER
MJF TACAN

RADIUS
100

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TWR (48-009778)	332613.40N/0972906.09W	283	75.0	3000	500	50	5D	1000			4000

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

<u>WX SERVICE</u> AWOS	<u>LOCATION</u> KGV T	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KGV T	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> ASOS	<u>LOCATION</u> KTRL	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KTRL	<u>DISTANCE</u> 23.85	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 64

WX REMARKS:
RASS PRESSURE PATTERNS THE SAME
KGV T 535, KTRL 474
RA = 63.24

<u>PRIMARY NAVAID</u> MJF TACAN	<u>MONITOR POINT</u> MOCC	<u>HRS OPERATION</u> 24	<u>CAT</u> 1
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW35 - MIRL, REIL, PAPI-4L		NPI-G	
RW17 - MALS (PCL), MIRL, PAPI-4L		PIR-G	

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u>	<u>TCH</u>
					3.00	66.1

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input type="checkbox"/>	3001	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input checked="" type="checkbox"/>		FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
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CRITICAL TEMPERATURE REMARKS:



"VISUAL PORTION OF FINAL" PENETRATIONS

Final Type	TACAN
34:1	
577 TREE (KGV T0041) 330305.15N-0960402.17W (1.05)	578 TREE (KGV T0040) 330306.45N-0960402.27W (5.91)

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or
5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VDA N/A. ANGLE LESS THAN 2.75 DEGREES.

VEGETATION HEIGHT 100 FT PER FPT.

FOR CONTINGENCY PURPOSES: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TERRELL ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET AND INCREASE S-35 CAT C, D, AND E VISIBILITY 1/8 MILE, INCREASE CIRCLING CATS C/D/E VISIBILITY 1/4 MILE.

ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



<u>AIRPORT</u> MAJORS	<u>AIRPORT ID</u> KGVY	<u>PROCEDURE NAME</u> TACAN RWY 35	<u>AMDT NO.</u> ORIG-B	<u>CITY</u> GREENVILLE	<u>STATE</u> TX	<u>AIRPORT ELEVATION</u> 535	<u>FACILITY</u> MJF TACAN
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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	2.00
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	2.26
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	001.34
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	562
DISTANCE FROM	THLD	TO 1500FT POINT	3.80
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	2.44
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	001.34
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	562

THRESHOLD
COORDINATES
(IF STR-IN)

330324.51N/0960355.76W

ARP COORDINATES

330404.20N/0960355.20W

RUNWAY APCH END
AND DIST FURTHEST
FROM ARP

RUNWAY 35 DISTANCE 0.66 NM

FAF
COORDINATES

325903.85N/0960451.16W

FIX NAME
COORDINATES

REMARKS

QUALITY
16
CHECKED

FAA Form 8260-9 / (11/16) Supersedes Previous Edition

Electronic Version

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PART E: PREPARED BY

NAME
ALLAN WILL (DALLIN STRICKLAND)

OFFICE
AJV-A423

DATE
12/20/2019

TITLE
AERONAUTICAL INFORMATION SPECIALIST

