

**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> C E 'RUSTY' WILLIAMS	<u>AIRPORT ID</u> 3F3	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>CITY</u> MANSFIELD	<u>STATE</u> LA	
<u>AIRPORT ELEVATION</u> 324	<u>TDZE</u> 319	<u>SUPERSEDED</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 08/16/2018	<u>MAG VAR</u> 4E	<u>EPOCH YEAR</u> 1990
<u>FACILITY</u> RNAV	<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>
CARTH INT		HUSEN		TF	FB	1.00	061.48	18.71	2300
EMG VORTAC		CORAV		TF	FB	1.00	191.36	9.97	2000
HUSEN	IAF	JETPO	NOPT	TF	FB	1.00	091.72	5.00	2000
CORAV	IAF	JETPO	NOPT	TF	FB	1.00	271.80	5.00	2000
JETPO	IF/IAF	SOPOE		TF	FB	1.00	181.76	5.00	2000
SOPOE	FAF	RW18	MAP	TF	FO	0.30	181.76	5.15	
RW18	MAP	724 MSL		CA			181.76		
724 MSL		JETPO		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LNAV: RW18

MISSED APPROACH INSTRUCTIONS:

CLIMBING RIGHT TURN TO 2000 DIRECT JETPO AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD N JETPO, RT, 181.76 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 17500.

3. FAC: 181.76

FAF: SOPOE

DIST FAF TO MAP:

DIST FAF TO THLD: 5.15

4. MIN ALT: JETPO 2000, SOPOE 2000

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

GS ANT:

6. MIN GP INCPT:

GP ALT AT FAF :

OM:

MM:

IM:

7. GP ANGLE:

34:1: IS NOT CLEAR

20:1: IS NOT CLEAR

TCH:

8. MSA FROM: RW18 2100

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: USE SHREVEPORT REGIONAL ALTIMETER SETTING.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON EMG VORTAC AIRWAY RADIALS 131 CW 251.

ADDITIONAL FLIGHT DATA:

SOPOE TO RW18: 3.00/45.
CHART FAS OBST: 452 TREES 320542N/0934600W.

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
LNAV MDA	780	1	461	780	1	461	780	1 1/4	461		NA				
CIRCLING	880	1	556	880	1	556	880	1 1/2	556		NA				

CHANGES - REASONS

1. ADDED 34:1 IS NOT CLEAR. - NOTE MISSED IN P-NOTAM ACTION, CHART SYMBOL SHOWS CLEAR.
2. CHANGED FEEDER RNP VALUES FROM 2.00 TO 1.00. - NAVSPEC ONLY REQUIRES RNP 1.0 FOR FEEDER WITHIN 30 NM OF ARP.



COORDINATED WITH:

A4A ☐ **ALPA** ☐ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZFW, SHV ATCT, AMGR

FLIGHT CHECKED BY

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

Digitally signed by

OFFICE

DATE

DEVELOPED BY

Digitally signed by

DONALD H LANIER

OFFICE

DATE

NICHOLAS K. JACKSON **NICHOLAS JACKSON**

Oct 11, 2019

AJV-A431

07/17/2019

APPROVED BY

Digitally signed by

DONALD H LANIER

OFFICE

DATE

TITLE
MANAGER

GEORGE DAVIS

AJV-A450

Oct 07, 2019

Oct 11, 2019



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

AIRPORT	AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
C E 'RUSTY' WILLIAMS	3F3	RNAV (GPS) RWY 18	ORIG-B	MANSFIELD	LA	324	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM
CARTH INT

TO
HUSEN

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
	18.71										
<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 (22-003198)	321108.00N/0935559.00W	674	500	50	5D	1000				AT626	2300
2.TERRAIN	321609.00N/0935906.00W	394 (400)								AS1500	1900

COMPUTATIONS

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

SEGMENT REMARKS:

FEEDER

FROM
EMG VORTAC

TO
CORAV

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
	9.97											
<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 (22-020005)	322353.15N/0933424.13W		470	250	50	4D	1000				AT530	2000
4.TERRAIN	321942.00N/0933348.00W		243 (200)								AS1500	1700

COMPUTATIONS

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

SEGMENT REMARKS:



INITIAL

FROM
HUSEN

TO
JETPO

RNP	DISTANCE 5.00	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
5.ANTENNA (22-003014)	321444.95N/0934503.06W		596	50	20	2C	1000				AT404	2000
6.TERRAIN	321130.00N/0935215.00W		345 (300)								AS1500	1800

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

INITIAL

FROM
CORAV

TO
JETPO

RNP	DISTANCE 5.00	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
5.ANTENNA (22-003014)	321444.95N/0934503.06W		596	50	20	2C	1000				AT404	2000
7.TERRAIN	321648.00N/0934509.00W		279 (300)								AS1500	1800

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



INTERMEDIATE

FROM

JETPO (IF/IAF)

TO

SOPOE

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	5.00											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
5.ANTENNA (22-003014)	321444.95N/0934503.06W		596	50	20	2C	500				AT904	2000
8.TERRAIN	321057.00N/0934648.00W		312 (300)								AS1500	1800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

SOPOE

TO

RW18

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	5.15		RW18									
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
9.TREES	320542.00N/0934600.00W		452	50	20	2C	250				RA63	780

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

JETPO

TO

P-4

RNP	DISTANCE	PAT P-4	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
5.ANTENNA (22-003014)	321444.95N/0934503.06W		596	50	20	2C	1000				AT404	2000
8.TERRAIN	321057.00N/0934648.00W		312 (300)								AS1500	1800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH : LNAV

FROM

RW18

TO

JETPO

RNP	DISTANCE	PAT	MAP	HAT			HMAS 468					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				2000
10.TOWER (22-002929)	320542.00N/0934901.00W		618	50	20	2C	1000					1700
11.TERRAIN	320803.00N/0934751.00W		377 (400)								AS1500	1900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT

C E 'RUSTY' WILLIAMS

AIRPORT ID

3F3

PROCEDURE NAME

RNAV (GPS) RWY 18

AMDT NO.

ORIG-B

CITY

MANSFIELD

STATE

LA

AIRPORT ELEVATION

324

FACILITY

RNAV

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											
12.TOWER (22-020702)	320259.18N/0934504.17W	1.30	556	464	50	20	2C	300		RA63 XP53	880
CATEGORY B											
12.TOWER (22-020702)	320259.18N/0934504.17W	1.50	556	464	50	20	2C	300		RA63 XP53	880
CATEGORY C											
13.TREE (22-025700)	320231.53N/0934649.67W	1.70	556	469	20	3	1A	300		RA63 XP48	880

CIRCLING REMARKS:

XP: TO RETAIN CURRENT MINIMUMS
XP: TO RETAIN CURRENT MINIMUMS
XP: TO RETAIN CURRENT MINIMUMS

MSA

CENTER

RW18

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (22-001533)	322319.56N/0940110.65W	321	22.6	1060	100	20	3C	1000			2100

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

LPV, LNAV/VNAV, AND TAA NA PER WALT STOKES FTW FPT.

NO CURRENT SURVEY.

QUALITY
19
CHECKED

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PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
SHV TOWER

<u>WX SERVICE</u> ASOS	<u>LOCATION</u> KSHV	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KSHV	<u>DISTANCE</u> 22.65	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 63
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>SERVICE-A</u>	<u>ADJUSTMENTS</u>

WX REMARKS:
REMOTE ALTIMETER USES SIMILAR PRESSURE PATTERN K3F3 ELEV= 324 KSHV ELEV = 258 RA = 62.11

<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>
RW18 - MIRL (PCL), REIL (PCL), PAPI-2L		NPI-F	
RW36 - MIRL (PCL), REIL, PAPI-2L		NPI-F	

<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> 3.00	<u>TCH</u> 50.0
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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>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

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



AIRPORT	AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
C E 'RUSTY' WILLIAMS	3F3	RNAV (GPS) RWY 18	ORIG-B	MANSFIELD	LA	324	RNAV
PART C: GENERAL REMARKS: VDP NOT ESTABLISHED - ALTIMETER ADJUSTMENT IN USE.							

QUALITY

19

CHECKED

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<u>AIRPORT</u> C E 'RUSTY' WILLIAMS	<u>AIRPORT ID</u> 3F3	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 18	<u>AMDT NO.</u> ORIG-B	<u>CITY</u> MANSFIELD	<u>STATE</u> LA	<u>AIRPORT ELEVATION</u> 324	<u>FACILITY</u> RNAV
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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	3.15
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.67
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	185.76
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	360
DISTANCE FROM	THLD	TO 1500FT POINT	4.95
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	2.00
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	185.76
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	360

THRESHOLD
COORDINATES
(IF STR-IN)

320446.59N/0934553.26W

ARP COORDINATES

320422.00N/0934556.20W

RUNWAY APCH END
AND DIST FURTHEST
FROM ARP

RUNWAY 36 DISTANCE 0.36 NM

FAF
COORDINATES

320954.69N/0934516.78W

FIX NAME
COORDINATES

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED

QUALITY
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PART E: PREPARED BY							
<u>NAME</u> NICHOLAS K. JACKSON			<u>OFFICE</u> AJV-A431	<u>DATE</u> 07/17/2019	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST		

QUALITY
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