

**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> KJDD	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> ORIG-E	<u>CITY</u> MINEOLA/QUITMAN	<u>STATE</u> TX		
<u>AIRPORT ELEVATION</u> 433	<u>TDZE</u> 421	<u>SUPERSEDED</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> ORIG-D	<u>DATED</u> 01/27/2022	<u>MAG VAR</u> 2E	<u>EPOCH YEAR</u> 2020
<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>
KUSEC	IAF	VERGO	NOPT	TF	FB	1.00	270.28	5.00	2100
SLR DME	IAF	VERGO	NOPT	TF	FB	1.00	168.32	16.43	2100
VERGO	IF/IAF	HAFLU		TF	FB	1.00	180.23	6.00	2000
HAFLU	FAF	RW18	MAP	TF	FO	0.30	180.23	4.81	
RW18	MAP	820 MSL		CA			180.23		
820 MSL		DUCAG		DF	FO	1.00			2200

MISSED APPROACH

MAP:

LNAV: RW18

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2200 DIRECT DUCAG AND HOLD

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD N VERGO, RT, 180.23 INBOUND, 2100 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAF: 180.23FAF: HAFLUDIST FAF TO MAP: 4.81DIST FAF TO THLD: 4.81

4. MIN ALT: VERGO 2100, HAFLU 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 CLEAR20:1: IS CLEARTCH:

8. MSA FROM: RW18 2600

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING RWY 36 NA AT NIGHT.
CHART NOTE: RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 000.23 INBOUND.
FAS OBST: 569 AAO 324847N/0952915W.
CHART 588 TOWER 324910N/0953001W.
CHART VDP AT 1.21 NM TO RW18.
HAFLU TO RW18: 3.05/40.

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - 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
LNAV MDA	820	1	399	820	1	399	820	1 1/8	399		NA				
CIRCLING	940	1	507	1000	1	567	1000	1 1/2	567		NA				

CHANGES - REASONS

1. INCORPORATED P-NOTAM 1/7602 FOR AMDT ORIG-C AND ORIG-D - IAW 8260.19I, 8-3-4.C(3).
2. TERMINAL ROUTE: CHANGED FROM "SLR VOR/DME" TO "SLR DME" - SLR VORMON.
3. CHANGED PBN EQUIPMENT NOTE FROM "RNP APCH" TO "RNP APCH - GPS" - IAW 8260.19I, 8-6-8.B(2).
4. ADDITIONAL FLIGHT DATA: AMENDED FAS OBST FROM "CHART FAS OBST" TO "FAS OBST - IAW 8260.19I, 8-6-10.C NOTE



COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZFW, GGG APP CON, AMGR

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE
FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

OFFICE

DATE

Digitally signed by

ALLAN WILL

Nov 21, 2022

DEVELOPED BY

ALLAN WILL (TODD A. RUSSELL)

OFFICE

AJV-A423

DATE

02/23/2023

Digitally signed by

ALLAN WILL

Nov 21, 2022

APPROVED BY

MARLON ROBINSON

OFFICE

AJV-A420

DATE

Digitally signed by

ALLAN WILL

Nov 21, 2022

TITLE
MANAGER

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

<u>AIRPORT ID</u> KJDD	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 18	<u>AMDT NO.</u> ORIG-E	<u>CITY</u> MINEOLA/QUITMAN	<u>STATE</u> TX	<u>AIRPORT ELEVATION</u> 433	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM
KUSEC

TO
VERGO

<u>RNP</u>	<u>DISTANCE</u> 5.00	<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>
TOWER (48-009293)	325552.96N/0952412.18W		1026	250	50	4D	1000					2100
TERRAIN	325539.00N/0952745.00W		558 (600)								AS1500	2100

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:

INITIAL

FROM
SLR DME

TO
VERGO

<u>RNP</u>	<u>DISTANCE</u> 16.43	<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>
TOWER (48-001790)	330818.20N/0953101.00W		914	500	50	5D	1000					2000
TERRAIN	330436.00N/0953115.00W		568 (600)								AS1500	2100

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

VERGO (IF/IAF)

TO

HAFLU

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	6.00											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (48-007919)	325615.08N/0952640.90W		847	250	50	4D	500					1400
TERRAIN	325536.00N/0952748.00W		548 (500)								AS1500	2000

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

FINAL: LNAV

FROM

HAFLU

TO

RW18

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	4.81		RW18			399						
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	324847.00N/0952915.00W		569	50	20	2C	250					820

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

VERGO

TO

P-5

RNP	DISTANCE	PAT	MAP	HAT	HMAS							
OBSTRUCTION		COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (48-007919)		325615.08N/0952640.90W	847	250	50	4D	1000					1900
TERRAIN		330239.00N/0953445.00W	575 (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 : LNAV

FROM

RW18

TO

DUCAG

RNP	DISTANCE	PAT	MAP	HAT	HMAS							
OBSTRUCTION		COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				2200
AAO		323233.00N/0953206.00W	870	50	20	2C	1000					1900
TERRAIN		323358.12N/0952900.40W	591 (600)								AS1500	2100

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											
TREE	324258.71N/0953017.32W	1.30	507	629	50	20	2C	300			940
CATEGORY B											
TOWER (48-032720)	324253.11N/0953108.49W	1.82	567	687	20	3	1A	300			1000
CATEGORY C											
TOWER (48-032720)	324253.11N/0953108.49W	2.86	567	687	20	3	1A	300			1000

CIRCLING REMARKS:

MSA

CENTER
RW18

RADIUS
25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (48-005543)	330437.00N/0951428.00W	031	23.6	1502	500	50	5D	1000			2600

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
GGG APP CON, ZFW ARTCC

<u>WX SERVICE</u> AWOS-3	<u>LOCATION</u> KJDD	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KJDD	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> ASOS	<u>LOCATION</u> KTYR	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KTYR	<u>DISTANCE</u> 23.80	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 70

WX REMARKS:
RASS PRESSURE PATTERNS THE SAME
KJDD 433, KTYR 548
RA=70.0

<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), PAPI-2L		NPI-F	
RW36 - MIRL (PCL), 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> 30.0
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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

Final Type	CIRCLING RWY 36		
20:1			
460 TRAVERSE_WAY (48-114476) 324407.55N/0952945.73W (14.67)		541 TREE (48-090472) 324350.88N/0952954.25W (10.06)	



AIRPORT ID		PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
KJDD		RNAV (GPS) RWY 18	ORIG-E	MINEOLA/QUITMAN	TX	433	RNAV
537 TREE (48-083557) 324350.29N/0952949.79W (3.83)				529 TREE (48-090469) 324351.59N/0952946.85W (2.89)			
446 TERRAIN (48-086363) 324408.07N/0952949.66W (2.63)				446 TERRAIN (48-071044) 324407.79N/0952947.11W (1.65)			
442 TERRAIN (48-077743) 324408.55N/0952946.24W (1.63)				450 TERRAIN (48-114642) 324406.82N/0952947.68W (0.65)			
447 TERRAIN (48-114778) 324407.43N/0952948.71W (0.56)							
Final Type	LNAV						
34:1							
481 TREE (48-088038) 324511.46N/0952945.20W (25.58)				471 TREE (48-058510) 324508.45N/0952948.77W (24.87)			
470 TREE (48-077859) 324508.14N/0952947.35W (24.65)				484 TREE (48-059180) 324512.92N/0952944.33W (24.15)			
478 TREE (48-080442) 324511.61N/0952943.21W (21.93)				480 TREE (48-071097) 324512.58N/0952942.19W (20.95)			
470 TREE (48-114025) 324509.53N/0952943.80W (20.17)				472 TREE (48-116242) 324510.23N/0952942.08W (19.92)			
479 TREE (48-059177) 324512.70N/0952939.96W (19.38)				467 TREE (48-058520) 324509.13N/0952946.35W (18.61)			
465 TREE (48-058511) 324508.53N/0952943.45W (18.11)				471 TREE (48-058526) 324511.44N/0952947.90W (15.9)			
461 TREE (48-058509) 324508.01N/0952944.80W (15.78)				472 TREE (48-092465) 324512.25N/0952946.47W (14.35)			
464 TREE (48-058523) 324509.71N/0952949.74W (14.22)				459 TREE (48-058508) 324508.13N/0952949.99W (13.94)			
467 TREE (48-077862) 324511.15N/0952949.07W (12.88)				464 TREE (48-080440) 324510.02N/0952944.89W (12.82)			
470 TREE (48-114481) 324512.37N/0952950.54W (12.4)				472 TREE (48-059178) 324513.03N/0952949.31W (12.32)			
475 TREE (48-090711) 324513.76N/0952940.75W (12.31)				465 TREE (48-058524) 324510.87N/0952944.21W (11.23)			
459 TREE (48-058521) 324509.00N/0952942.08W (10.58)				463 TREE (48-090763) 324510.68N/0952946.36W (10.01)			
459 TREE (48-090762) 324509.82N/0952948.50W (8.77)				473 TREE (48-080329) 324514.50N/0952945.70W (8.6)			
468 TREE (48-059181) 324513.33N/0952947.71W (7.27)				459 TREE (48-083684) 324510.50N/0952950.51W (6.95)			
470 TREE (48-077042) 324514.22N/0952943.56W (6.22)				462 TREE (48-073345) 324511.87N/0952940.82W (4.93)			
466 TREE (48-059188) 324513.42N/0952942.87W (4.52)				469 TREE (48-077792) 324515.17N/0952942.41W (2.28)			
466 TREE (48-059190) 324514.40N/0952949.08W (2.23)				457 TREE (48-058525) 324511.16N/0952941.68W (2.12)			
469 TREE (48-087930) 324515.26N/0952939.81W (1.76)				463 TREE (48-114477) 324513.66N/0952950.35W (1.55)			
467 TREE (48-059193) 324514.97N/0952947.93W (1.42)				471 TREE (48-083604) 324516.42N/0952948.19W (1.14)			

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS



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

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TYLER POUNDS RGNL ALTIMETER SETTING AND INCREASE ALL MDAS 80 FEET AND ALL CAT C VISIBILITIES 1/4 SM.

VDP NA WHEN USING TYLER POUNDS RGNL ALTIMETER SETTING.

TAA NOT DEVELOPED PER FPT REQUEST.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

MAXIMUM VEGETATION HEIGHT USED 100 FEET PER FPT CHECKLIST.

CAT D MINIMUMS NOT DEVELOPED PER FPT REQUEST.

ORDER 8260.3 CHAPTER 2 APPLIED TO 588 TOWER (48-007522) 324910.00N/0953001.00W.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



<div>AIRPORT ID KJDD</div>	<div>PROCEDURE NAME RNAV (GPS) RWY 18</div>	<div>AMDT NO. ORIG-E</div>	<div>CITY MINEOLA/QUITMAN</div>	<div>STATE TX</div>	<div>AIRPORT ELEVATION 433</div>	<div>FACILITY RNAV</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	2.81
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.65
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	182.23
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	500
DISTANCE FROM	THLD	TO 1500FT POINT	4.61
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	2.00
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	182.23
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	500

THRESHOLD
COORDINATES
(IF STR-IN)

324451.70N/0952946.35W

ARP COORDINATES

324431.90N/0952947.30W

RUNWAY APCH END
AND DIST FURTHEST
FROM ARP

RUNWAY 36 DISTANCE 0.33 NM

FAF
COORDINATES

324940.46N/0952933.05W

FIX NAME
COORDINATES

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.

QUALITY
12
CHECKED

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

Electronic Version

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PART E: PREPARED BY

<u>NAME</u> ALLAN WILL (TODD A. RUSSELL)	<u>OFFICE</u> AJV-A423	<u>DATE</u> 02/23/2023	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
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