

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
LOC STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.25**

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> KMSY	<u>PROCEDURE NAME</u> LOC RWY 20	<u>ORIGINAL/AMENDMENT</u> 3A	<u>CITY</u> NEW ORLEANS	<u>STATE</u> LA		
<u>AIRPORT ELEVATION</u> 4	<u>TDZE</u> -1	<u>SUPERSEDED</u> LOC RWY 20	<u>ORIGINAL/AMENDMENT</u> 3	<u>DATED</u> 10/15/2015	<u>MAG VAR</u> 1W	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> I-ONW	<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>
HRV VORTAC		JASPO INT/I-ONW 5.95 DME					321.89	18.64	4000
RQR VOR/DME		JASPO INT/I-ONW 5.95 DME					085.42	19.51	4000
RAYOP INT/I-ONW 12.91 DME	IF/IAF	JASPO INT/I-ONW 5.95 DME	NOPT				196.48	6.96 (I-ONW)	2000

MISSED APPROACH

MAP:

6.12 NM AFTER JASPO INT/I-ONW 5.95 DME OR AT I-ONW 0.18 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1300 THEN CLIMBING LEFT TURN TO 2000 ON HEADING 180 AND RQR VOR/DME R-123 TO SAFES INT/RQR 28.00 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 2100 ON HEADING 074 AND HRV VORTAC R-016 TO SNAKI/HRV 18.88 DME AND HOLD (DME REQUIRED).

PROFILE:

1. PT L SIDE OF COURSE 016.48 OUTBOUND 4000 FT WITHIN 10 MILES OF JASPO INT (IAF)

2.

3. FAF: 196.48 FAF: JASPO INT/I-ONW 5.95 DME DIST FAF TO MAP: 6.12 DIST FAF TO THLD: 6.12

4. MIN ALT: JASPO INT/I-ONW 5.95 DME 2000, SHORE/I-ONW 2.00 DME 700

8. MSA FROM: HRV VORTAC 2100

EQUIPMENT REQUIREMENTS NOTES:

NOTES:

CHART NOTE: RWY 20 HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED.
CHART NOTE: FOR INOPERATIVE ALS WHEN USING SHORE FIX MINIMUMS, INCREASE S-20 CAT D VISIBILITY TO RVR 5500.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-20 CAT D VISIBILITY TO 2 SM.



ADDITIONAL FLIGHT DATA:
CHART CIRCLING ICON.
CHART IN PROFILE VIEW: I-ONW DME ANTENNA
CHART MINIMUM 4000 AT RAYOP.
HOLD SE, RT, 303.13 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD N SNAKI/HRV 18.88 DME, RT, 196.34 INBOUND.
CHART FAS OBST: 107 TREE 300225N/0901410W.
CHART 140 TRMSN TWR LTD 300228N/0901359W.
CHART VDP AT 0.80 DME
DISTANCE VDP TO THLD 0.97 NM.
CHART IN PLANVIEW: SNAKI/HRV 18.88 DME.
JASPO TO RW20: 3.00/52.

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

ALTERNATE: NA ☐ STANDARD - CAT D 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
S-20	700	4000	701	700	4000	701	700	1 3/4	701	700	1 3/4	701			
CIRCLING	700	1	696	700	1	696	700	2	696	700	2 1/4	696			
SHORE FIX MINIMUMS															
S-20	360	4000	361	360	4000	361	360	4000	361	360	4000	361			
CIRCLING	520	1	516	520	1	516	580	1 1/2	576	600	2	596			

CHANGES - REASONS
1. INCREASED PROCEDURE TURN ALTITUDE FROM 2000 FEET TO 4000 FEET. - ATC AND FPT REQUEST TO KEEP TRAFFIC IN CLASS B AIRSPACE.
2. INCREASED MINIMUM ALTITUDE AT RAYOP FROM 2000 FEET TO 4000 FEET. - ATC AND FPT REQUEST TO KEEP TRAFFIC IN CLASS B AIRSPACE.
3. ADDED "CHART MINIMUM 4000 AT RAYOP" TO ADDITIONAL FLIGHT DATA. - ATC AND FPT REQUEST TO KEEP TRAFFIC IN CLASS B AIRSPACE.

COORDINATED WITH:
A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZHU, NEW ORLEANS APP CON, MSY ATCT, AMGR

FLIGHT CHECKED BY
PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-10) MEMO, APRIL 29, 2020, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

DEVELOPED BY
DONALD H. LANIER (MATTHEW FULKS) Digitally signed by DONALD H LANIER
Jun 16, 2021

APPROVED BY
LONNIE EVERHART Digitally signed by DONALD H LANIER
Jun 16, 2021

OFFICE **DATE**

OFFICE **DATE**
AJV-A431 04/13/2021

OFFICE **DATE** **TITLE**
AJV-A430 MANAGER



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

<u>AIRPORT ID</u> KMSY	<u>PROCEDURE NAME</u> LOC RWY 20	<u>AMDT NO.</u> 3A	<u>CITY</u> NEW ORLEANS	<u>STATE</u> LA	<u>AIRPORT ELEVATION</u> 4	<u>FACILITY</u> I-ONW
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PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM
HRV VORTAC

TO
JASPO INT/I-ONW 5.95 DME

<u>RNP</u>	<u>DISTANCE</u> 18.64	<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 (22-000344)	295423.00N/0900222.00W		1049	250	50	4D	1000				AT1951	4000
TERRAIN	295412.00N/0895910.00W		127 (100)								AS1500	1600

COMPUTATIONS

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

SEGMENT REMARKS:

FEEDER

FROM
RQR VOR/DME

TO
JASPO INT/I-ONW 5.95 DME

<u>RNP</u>	<u>DISTANCE</u> 19.51	<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 (22-020468)	300256.82N/0902828.37W		516	20	10	1B	1000				AT2484	4000
TERRAIN	300314.75N/0903356.26W		36 (0)								AS1500	1500

COMPUTATIONS

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

SEGMENT REMARKS:



INTERMEDIATE

FROM
RAYOP INT/I-ONW 12.91 DME (IF/IAF)

TO
JASPO INT/I-ONW 5.95 DME

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	6.96											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
SHIP	301209.00N/0901038.00W		113	50	20	2C	500				AT1387	2000
LAKE	301105.00N/0901053.00W		0 (0)								AS1500	1500

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: PT

FROM
10 NM

TO
JASPO INT/I-ONW 5.95 DME

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	10.00											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
SHIP	301209.00N/0901038.00W		113	50	20	2C	500				AT1387	2000
LAKE	301105.00N/0901053.00W		0 (0)								AS1500	1500

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

FROM

JASPO INT/I-ONW 5.95 DME

TO

SHORE/I-ONW 2.00 DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS							
	3.95			701								
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	300327.00N/0901409.00W		200	50	20	2C	250				XL6 DG240	700

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: STEPDOWN

FROM

SHORE/I-ONW 2.00 DME

TO

6.12 NM AFTER JASPO INT/I-ONW 5.95 DME OR AT I-ONW 0.18 DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS							
	1.82		6.12 NM AFTER JASPO INT/I-ONW 5.95 DME OR AT I-ONW 0.18 DME	361								
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE	300225.10N/0901410.25W		107	50	20	2C	250					360

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



PROCEDURE TURN

FROM
JASPO INT/I-ONW 5.95 DME

TO
10 NM

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
9.TOWER (22-002502)	300106.00N/0900920.00W		428	500	50	5D	1000				AT2572	4000
TERRAIN	302233.00N/0900612.00W		10 (0)								AS1500	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH

FROM
6.12 NM AFTER JASPO INT/I-ONW 5.95 DME OR AT I-ONW 0.18 DME

TO
SAFES INT/RQR 28.00 DME

RNP	DISTANCE	PAT	MAP	HAT			HMAS 110					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				2000
TOWER (22-000520)	295015.00N/0900755.00W		586	500	50	5D	1000					1600
TERRAIN	295830.00N/0901621.00W		27 (0)								AS1500	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH ALTERNATE

FROM
6.12 NM AFTER JASPO INT/I-ONW 5.95 DME OR AT I-ONW 0.18 DME

TO
SNAKI/HRV 18.88 DME

RNP	DISTANCE	PAT	MAP	HAT			HMAS 110					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (22-000344)	295423.00N/0900222.00W		1049	250	50	4D	1000					2100
TERRAIN	295830.00N/0901621.00W		27 (0)								AS1500	1500

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											
CONTROL_TOWER (22-002221)	295902.14N/0901532.48W	1.30	696/516	218	20	3	1A	300		SI	700/520
CATEGORY B											
TANK (22-022452)	295745.32N/0901603.82W	1.80	696/516	220	20	3	1A	300		SI	700/520
CATEGORY C											
CRANE (22-027930)	295649.01N/0901338.99W	2.83	696/576	272	20	3	1A	300		SI	700/580
CATEGORY D											
CRANE (22-027930)	295649.01N/0901338.99W	3.70	696/596	272	20	3	1A	300		SI/XP28	700/600

CIRCLING REMARKS:
XP TO MAINTAIN CURRENTLY PUBLISHED MINIMUMS.



MSA

CENTER
HRV VORTAC

RADIUS
25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (22-000341)	295715.00N/0895659.00W	025	06.8	1049	500	50	5D	1000			2100

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

SHORE FIX MINIMUMS REMAINED AT CURRENT LOCATION AND ALTITUDE WITH A DESCENT GRADIENT OF 240 ADDED TO MAINTAIN CURRENT MINIMUM ALTITUDE, AT THE REQUEST OF THE FPT.

SHIP HEIGHT CAME FROM PREVIOUS PROCEDURE 8260-9.



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
NEW ORLEANS APP CON, MSY TOWER, ZHU ARTCC

WX SERVICE ASOS	LOCATION KMSY	HRS OPERATION 24	ALTIMETER SOURCE KMSY	DISTANCE 0	SERVICE-A Y	ADJUSTMENTS 0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS

WX REMARKS:

PRIMARY NAVAID I-ONW	MONITOR POINT MSY ATCT	HRS OPERATION 24	CAT 1
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APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW2 - HIRL, C/LINE, LDIN, PAPI-4L	PIR-G	APPROACH, ROLL OUT
RW11 - TDZ, ALSF-2, HIRL, C/LINE, PAPI-4R	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW20 - MALSR, HIRL, C/LINE, PAPI-4L	PIR-G	APPROACH, ROLL OUT
RW29 - MALSR, HIRL, C/LINE, PAPI-4R	PIR-G	APPROACH, MIDPOINT, ROLL OUT

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE 3.00	TCH 52.0
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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

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
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CRITICAL TEMPERATURE REMARKS:



"VISUAL PORTION OF FINAL" PENETRATIONS

Final Type	S-20
34:1	
51 POLE (22-021418) 300029.54N/0901435.16W (0.19)	

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

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

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

BACK-UP ALTIMETER NOT ESTABLISHED DUE TO REDUNDANT WEATHER SOURCES AT AIRPORT.

MAX VEGETATION HEIGHT: 55 FT. PER FPT.

ORDER 8260.3 CHAPTER 2 APPLIED TO 140 TRMSN TWR LTD 300227.66N/0901358.90W.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



<div>AIRPORT ID KMSY</div>	<div>PROCEDURE NAME LOC RWY 20</div>	<div>AMDT NO. 3A</div>	<div>CITY NEW ORLEANS</div>	<div>STATE LA</div>	<div>AIRPORT ELEVATION 4</div>	<div>FACILITY I-ONW</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	2.69
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	0.80
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	195.48
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	0
DISTANCE FROM	THLD	TO 1500FT POINT	5.02
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.30
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	195.48
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	0

THRESHOLD
COORDINATES
(IF STR-IN)

300010.99N/0901443.84W

ARP COORDINATES

295935.80N/0901532.50W

RUNWAY APCH END
AND DIST FURTHEST
FROM ARP

RUNWAY 11 DISTANCE 1.20 NM

FAF
COORDINATES

300605.98N/0901250.77W

FIX NAME
COORDINATES

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED

QUALITY
25
CHECKED

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

Electronic Version

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PART E: PREPARED BY

<u>NAME</u> DONALD H. LANIER (MATTHEW FULKS)	<u>OFFICE</u> AJV-A431	<u>DATE</u> 04/13/2021	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
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