

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

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> LOUIS ARMSTRONG NEW ORLEANS INTL	<u>AIRPORT ID</u> KMSY	<u>PROCEDURE NAME</u> ILS OR LOC RWY 11 ILS RWY 11 SA CAT I, ILS RWY 11 CAT II, ILS RWY 11 CAT III	<u>ORIGINAL/AMENDMENT</u> 5	<u>CITY</u> NEW ORLEANS	<u>STATE</u> LA	
<u>AIRPORT ELEVATION</u> 4	<u>TDZE</u> 4	<u>SUPERSEDED</u> ILS OR LOC RWY 11 ILS RWY 11 SA CAT I, ILS RWY 11 CAT II, ILS RWY 11 CAT III	<u>ORIGINAL/AMENDMENT</u> 4	<u>DATED</u> 01/04/2018	<u>MAG VAR</u> 1W	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> I-MSY	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 25 APRIL 2019	<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>
AWDAD INT		VOODO INT/I-MSY 24.37 DME					093.33	13.18 (RQR R-273)	7000
VOODO INT/I-MSY 24.37 DME	IAF	TURTL/I-MSY 15.00 DME					106.47	9.37 (I-MSY)	4000
TBD VOR/DME	IAF	TURTL/I-MSY 15.00 DME					031.95	28.23	4000
TURTL/I-MSY 15.00 DME	IF	MUDBG/I-MSY 8.32 DME/RADAR					106.47	6.69 (I-MSY)	2000

MISSED APPROACH

MAP:

ILS: DA
 LOC: 6.53 NM AFTER MUDBG/I-MSY 8.32 DME/RADAR OR AT I-MSY 1.79 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 2000 ON HEADING 130 AND ON LEV VORTAC R-354 TO SAFES INT/LEV 38.52 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 2600 DIRECT HRV VORTAC AND HOLD.



PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2.	PROFILE STARTS AT TURL				
3. FAC:	106.47	FAF: MUDBG/I-MSY 8.32 DME/RADAR	DIST FAF TO MAP: 6.53	DIST FAF TO THLD: 6.53	
4. MIN ALT:	TURL/I-MSY 15.00 DME 4000, MUDBG/I-MSY 8.32 DME/RADAR 2000, WENUP/I-MSY 3.28 DME 500*				
5. DIST TO THLD FROM OM:	MM:	IM: 908	100 HAT: 900	150 HAT:	GS ANT: 1248
6. MIN GS INCPT: 2000	GS ALT AT FAF : MUDBG/I-MSY 8.32 DME/RADAR 2000		OM:	MM:	IM: 105
7. GP ANGLE: 2.80	34:1:	20:1:	TCH: 56.3		
8. MSA FROM:	RQR VOR/DME 360-180 1800, 180-360 3100				

EQUIPMENT REQUIREMENTS NOTES:

RADAR OR DME REQUIRED.

NOTES:

SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 11: CAT A, B, C, D RA 150, RVR 1400, HAT 150, DA 154 MSL.
CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 11: CAT A, B, C, D RA 100, RVR 1200, HAT 100, DA 104 MSL.
CAT III ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 11: CAT A, B, C, D RVR 600
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 11 CAT C/D VISIBILITY TO 1 3/8 SM AND INCREASE WENUP FIX MINIMUMS S-LOC 11 CAT C/D VISIBILITY TO RVR 4500.

SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DH.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART IN PLANVIEW: RQR 5.82 DME AT VOODO.
CHART IN PLANVIEW: HRV VORTAC
CHART VDP AT 2.67 DME*
DISTANCE VDP TO THLD 0.88 NM
* LOC ONLY
CHART FAS OBST: 70 SIGN 300008N/0901737W.
CHART: 313 STACK 300100N/0902411W.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SE HRV VORTAC, RT, 303.90 INBOUND.
HOLD N, RT, 174.44 INBOUND



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
S-ILS 11	204	1800	200	204	1800	200	204	1800	200	204	1800	200			
S-LOC 11	500	2400	496	500	2400	496	500	5000	496	500	5000	496			
CIRCLING	520	1	516	520	1	516	580	1 1/2	576	600	2	596			
WENUP FIX MINIMUMS															
S-LOC 11	320	2400	316	320	2400	316	320	2400	316	320	2400	316			
CIRCLING	520	1	516	520	1	516	580	1 1/2	576	600	2	596			

CHANGES - REASONS
1. DELETED NOTE: RADAR OR DME REQUIRED; ADDED EQUIPMENT REQUIREMENTS NOTE: RADAR OR DME REQUIRED - IAW 8260.19H PARA 8-6-8.
2. CHANGED MISSED APPROACH INSTRUCTIONS FROM: "CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 2000 ON HEADING 161 AND ON LEV VORTAC R-354 TO SAFES INT/LEV 38.52 DME AND HOLD" TO: "CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 2000 ON HEADING 130 AND ON LEV VORTAC R-354 TO SAFES INT/LEV 38.52 DME AND HOLD" - PER FLIGHT CHECK, PREVIOUS HEADING 161 DOES NOT INTERCEPT THE LEV VORTAC R-354.

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

FLIGHT CHECKED BY
GRANT WEBBER

Digitally signed by
WARDELL HENNING
Feb 25, 2019

DEVELOPED BY
MIKE MELSSEN
Oct 26, 2018

Digitally signed by
MIKE MELSSEN

APPROVED BY
PATRICK MULQUEEN
Feb 25, 2019

Digitally signed by
WARDELL HENNING

OFFICE
FICO

OFFICE
AJV-5432

OFFICE
AJV-5430

DATE
12/4/18

DATE
10/12/2018

DATE

TITLE
MANAGER

