

**FEDERAL AVIATION ADMINISTRATION**  
**FLIGHT STANDARDS SERVICE**  
**RNAV (RNP) 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>		<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>
FORT LAUDERDALE/HOLLYWOOD INTL		KFLL	RNAV (RNP) Y RWY 10L	1C	FORT LAUDERDALE	FL
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
65	7	RNAV (RNP) Y RWY 10L	1B	09/13/2018	6W	2015
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
RNAV		31 JANUARY 2019	ROUTINE			

**TERMINAL ROUTES**

<b><u>FROM</u></b>	<b><u>FIX TYPE</u></b>	<b><u>TO</u></b>	<b><u>FIX TYPE</u></b>	<b><u>LEG TYPE</u></b>	<b><u>FO/FB</u></b>	<b><u>RNP</u></b>	<b><u>COURSE</u></b>	<b><u>DISTANCE</u></b>	<b><u>ALTITUDE</u></b>
HOLID	IF	ZARLA		TF	FB	1.00	096.25	5.27	4000
ZARLA		SIYOL		TF	FB	1.00	096.24	7.31	2200
YELUY	IF	OGIHI		TF	FB	0.50	276.39	3.00	4300
OGIHI		IJEPY		RF	FB	0.50	(2.39 NM RADIUS CCW (CFBMB))	1.26	3900
IJEPY		VANUY		RF	FB	0.50	(2.39 NM RADIUS CCW (CFBMB))	2.50	3200
VANUY		SIYOL		RF	FB	0.50	(2.00 NM RADIUS CCW (CFBMC))	3.14	2200
SIYOL	PFAF	RW10L	MAP	TF	FO	0.30	096.31	6.74	
RW10L	MAP	500 MSL		CA			096.31		
500 MSL		MARTS		DF	FO	1.00			4000

**MISSED APPROACH**

**MAP:**

RNP: DA

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 500, THEN CLIMB TO 4000 DIRECT MARTS AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF (IAF)					
2.	PROFILE STARTS AT SIYOL								
3. FAC:	096.31	PFAF:	DIST PFAF TO MAP:	DIST PFAF TO THLD:					
4. MIN ALT:	SIYOL 2200								
5. DIST TO THLD FROM OM:	6.74	MM:	IM:	150 HAT:	361 HAT: 0.99	GS ANT:			
6. MIN GP INCPT:	2200	GP ALT AT PFAF : SIYOL 2200				OM:	MM:	IM:	
7. GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR	TCH:	47.6#		
8. MSA FROM:	RW10L 2100								

PBN REQUIREMENTS NOTE:

RNP AR APCH.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -5°C OR ABOVE 54°C.  
CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.  
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HOLID ON V157-511-599 NORTHWEST BOUND.  
CHART PLANVIEW NOTE ADJACENT TO YELUY IAF: RF REQUIRED.  
CHART PLANVIEW NOTE AT YELUY: (RNP 0.50).  
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO RNP 0.30 DA.  
CHART NOTE: FOR INOPERATIVE ALS, INCREASE RNP 0.15 DA VISIBILITY ALL CATS TO RVR 5500.  
CHART SPEED ICON IN PLANVIEW AT YELUY: MAX 210 KIAS.  
CHART SPEED ICON IN PLANVIEW AT HOLID: MAX 210 KIAS.  
CHART SPEED ICON IN PLANVIEW AT VANUY: MAX 200 KIAS.

ADDITIONAL FLIGHT DATA:

CHART MINIMUM 5000 AT HOLID  
CHART MINIMUM 5000 AT YELUY  
HOLD E, RT, 270.00 INBOUND



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

**ALTERNATE:** NA ☐ STANDARD

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
AUTHORIZATION REQUIRED															
RNP 0.15 DA	368	5000	361	368	5000	361	368	5000	361	368	5000	361			
RNP 0.30 DA	445	1 1/2	438	445	1 1/2	438	445	1 1/2	438	445	1 1/2	438			

**CHANGES - REASONS**

1. AMENDED CA LEG FROM 361 MSL TO 500 MSL AND AMENDED MISSED APPROACH INSTRUCTIONS TO READ CLIMB TO 500, THEN CLIMB TO 4000 DIRECT MARTS AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000 - IN ACCORDANCE WITH FAAO 8260.58A IMPLEMENTATION MEMO (#267). TURN TO MARTS EXCEEDS ONE DEGREE, BUT IS LESS THAN 15 DEGREES, FROM FINAL APPROACH COURSE.
2. REMOVED FAHRENHEIT VALUES FROM UNCOMPENSATED BARO-VNAV TEMPERATURE LIMITS NOTE - FORMATTED IN ACCORDANCE WITH FAAO 8260.19H, PARA 8-6-9S.
3. ADDED 20:1 IS CLEAR - IN ACCORDANCE WITH FAAO 8260.19H, PARA 8-6-7G(3).
4. AMENDED 34:1 IS NOT CLEAR TO READ 34:1 IS CLEAR - NEW OBSTACLE STUDY, VISUAL SURFACES ARE CLEAR OF PENETRATIONS.
5. AMENDED #TCH 53.5 (DO NOT CHART) TO READ #TCH 53.6 IN ADDITIONAL FLIGHT DATA - COMPUTED USING CURRENT AIRNAV DISPLACED RUNWAY THRESHOLD ELEVATION FOR RWY 10L.
6. AMENDED PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HOLID ON V157-511-599 NORTHBOUND TO READ PROCEDURE NA FOR ARRIVALS AT HOLID ON V157-511-599 NORTHWEST BOUND - ARRIVAL TRACK IS 333 DEGREES TO HOLID ON THE AIRWAY.
7. AMENDED NOTE: INOPERATIVE TABLE DOES NOT APPLY TO READ INOPERATIVE TABLE DOES NOT APPLY TO RNP 0.30 DA - RNP 0.15 HAS A NON-STANDARD ADJUSTMENT WHEN VISIBILITY RECOMPUTED USING VISI CHECK APPLICATION.
8. ADDED NOTE: FOR INOPERATIVE ALS, INCREASE RNP 0.15 DA VISIBILITY ALL CATS TO RVR 5500 - RECOMPUTED USING VISI CHECK APPLICATION AND FORMATTED IN ACCORDANCE WITH FAAO 8260.19H, PARA 8-6-11O(3)(D).
9. REPLACED PLANVIEW NOTES 210 KIAS AT YELUY, 210 KIAS AT HOLID, AND 200 KIAS AT VANUY WITH SPEED ICONS - IN ACCORDANCE WITH FAAO 8260.19H, PARA 4-6-10G.
10. AMENDED MSA FROM 2600 TO 2100 - NEW OBSTACLE STUDY.
11. REMOVED ROUTE TYPE, ROUTE TYPE QUALIFIER 1, AND ROUTE TYPE QUALIFIER 2 FROM ADDITIONAL FLIGHT DATA - NO LONGER REQUIRED BY CRITERIA.
12. AMENDED AIRPORT ELEVATION FROM 9 TO 65 - MATCH CURRENT AIRNAV DATA.
13. INCORPORATED CHANGES FROM AMDT 1A AND AMDT 1B - IN ACCORDANCE WITH FAAO 8260.19H, PARA 8-3-4C(2).



AIRPORT

FORT LAUDERDALE/HOLLYWOOD INTL

AIRPORT ID

KFLL

PROCEDURE NAME

RNAV (RNP) Y RWY 10L

ORIGINAL/AMENDMENT

1C

CITY

FORT LAUDERDALE

STATE

FL

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZMA, MIA APP CON, FLL ATCT, AMGR

FLIGHT CHECKED BY

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

OFFICE

DATE

DEVELOPED BY

PETER R. GUIMOND

*Digitally signed by*  
**PETER R GUIMOND**

Nov 26, 2018

*Digitally signed by*

**JACOB POWERS**

Dec 17, 2018

OFFICE

AJV-5442

DATE

11/26/2018

APPROVED BY

MARLON ROBINSON

*Digitally signed by*  
**JACOB POWERS**

Dec 17, 2018

OFFICE

AJV-5440

DATE

TITLE

MANAGER