

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
STANDARD TERMINAL ARRIVAL (STAR)**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.  
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

<u>Arrival Name</u>	<u>Number</u>	<u>STAR Computer Code</u>	<u>Superseded Number</u>	<u>Dated</u>	<u>Effective Date</u>
SHFTY (RNAV)	FOUR	SHFTY.SHFTY4	THREE	09/13/2018	<b>03 JAN 2019</b>

**TRANSITION ROUTES:**

Transition Name	Transition Computer Code	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitude/Fixes
CYNTA	CYNTA.SHFTY4	CYNTA	CYNTA						
			BOCAP	188.63	25.29	FL180	1600		
			HEPOX	174.03	48.74	FL180	1700		
			WOSAK	174.15	35.87	FL180	1600		
			INPIN	174.08	14.60	FL180	1600		
			VALCH	169.82	30.72	FL180	1700		
			SHFTY	198.36	21.56	FL180	1600		
HIBAC	HIBAC.SHFTY4	HIBAC	HIBAC						
			PIVVV	206.69	16.00	FL180	1300		
			CRIZZ	238.40	18.01	FL180	1300		
			LOOOU	243.49	21.03	FL180	1300		
			CRMIN	249.79	61.65	FL180	2700		
			SHFTY	228.84	30.32	FL180	1700		



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SHFTY (RNAV)	FOUR	SHFTY.SHFTY4	THREE	09/13/2018	<b>03 JAN 2019</b>

**ARRIVAL ROUTE DESCRIPTION:**

FROM SHFTY ON TRACK 182.71/6.78 TO WRTRS (MEA FL180), THEN ON TRACK 160.67/31.00 TO MAZZY (MEA 11000). THEN ON TRACK 160.74/7.01 TO MOEMO (MEA 10000), THEN ON TRACK 159.83/11.90 TO LBV VORTAC (MEA 8000) , THENCE...

...LANDING KRSW RWY 6 AND KFMY: FROM LBV VORTAC ON TRACK 185.72/9.72 TO IRNIE (MEA 6000), THEN ON TRACK 238.19/15.41 TO WYCOF (MEA 4000), THEN ON TRACK 238.20/16.14 TO PONTY, THEN ON HEADING 240.00 OR AS ASSIGNED BY ATC. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

... LANDING KRSW RWY 24: FROM LBV VORTAC ON HEADING 227.74. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

... LANDING KAPF: FROM LBV VORTAC ON TRACK 185.72/9.72 TO IRNIE (MEA 6000), THEN ON TRACK 185.92/8.68 TO KOCH (MEA 5000), THEN ON TRACK 202.94/13.69 TO COGDL (MEA 3000), THEN ON TRACK 228.92/18.74 TO TIOFF, THEN ON HEADING 230.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

...LANDING MKY: FROM LBV VORTAC ON TRACK 185.72/9.72 TO IRNIE (MEA 6000), THEN ON TRACK 185.92/8.68 TO KOCH (MEA 5000), THEN ON TRACK 202.94/13.69 TO COGDL (MEA 3000), THEN ON HEADING 200.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

**PROCEDURAL DATA NOTES:**

NOTE: RADAR REQUIRED.

NOTE: RNAV 1.

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: TURBOJET AND TURBOPROP AIRCRAFT ONLY.

NOTE: AIRCRAFT LANDING KAPF: EXPECT RADAR VECTORS PRIOR TO TIOFF.

NOTE: FOR NON-GPS EQUIPPED AIRCRAFT, LBV AND RSW MUST BE OPERATIONAL.

VERTICAL NAVIGATION PLANNING INFORMATION:

EXPECT TO CROSS INPIN AT OR BELOW FL310.

EXPECT TO CROSS LOOOU AT FL240.

KRSW LANDING RWY 6: EXPECT TO CROSS MOEMO AT 10000.

KRSW LANDING RWY 24: EXPECT TO CROSS MOEMO AT 10000 AND 250 KIAS.

EXPECT TO CROSS PONTY AT 4000.

**FIXES AND/OR HOLDING PATTERNS:**

CHART HOLDING AT HEPOX (HOLD N, RT, 174.15 INBOUND).

CHART HOLDING AT WOSAK (HOLD N, RT, 174.08 INBOUND).

CHART HOLDING AT SHFTY (HOLD N, LT, 182.71 INBOUND).

CHART HOLDING AT MAZZY (HOLD N, RT, 160.74 INBOUND).

CHART: RODDE, VASQZ, TRV VORTAC.

**COMMUNICATIONS:**

FORT MYERS APP CON.

PAGE FIELD ATIS.

SOUTHWEST FLORIDA INTL ATIS.

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SHFTY (RNAV)	FOUR	SHFTY.SHFTY4	THREE	09/13/2018	<b>03 JAN 2019</b>

**AIRPORTS SERVED:**

AIRPORT NAME	CITY	STATE
SOUTHWEST FLORIDA INTL (KRSW)	FORT MYERS	FL
PAGE FIELD (KFMY)	FORT MYERS	FL
NAPLES MUNI (KAPF)	NAPLES	FL
MARCO ISLAND EXECUTIVE (KMKY)	MARCO ISLAND	FL

**LOST COMMUNICATIONS PREFERENCES:**

**FEDERAL AVIATION ADMINISTRATION  
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SHFTY (RNAV)	FOUR	SHFTY.SHFTY4	THREE	09/13/2018	<b>03 JAN 2019</b>

**REMARKS:**

ABBREVIATED AMENDMENT.  
SHFTY FOUR AMDT DOES NOT SATISFY PERIODIC REVIEW REQUIREMENTS.

**ADDITIONAL FLIGHT DATA:**

DME/DME ASSESSMENT: SAT (RNP 2.0).  
REFERENCE MAGNETIC VARIATION = KRSW 04W/2000.  
DO NOT CHART MOCA'S.

**FLIGHT INSPECTED BY:** FLIGHT INSPECTION REVIEW NOT REQUIRED -  
PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-333) MEMO  
DEC 22, 2017.

**ORGANIZATION:****DATE:***Digitally signed by***DONALD H LANIER**

Oct 02, 2018

Flight Inspected Signature:

**DEVELOPED BY:***Digitally signed by***SYLVAN DRAKES**

Jul 31, 2018

SYLVAN DRAKES

AJV-5433

7/31/2018

Developed By Signature:

*Digitally signed by***DONALD H LANIER**

Oct 02, 2018

**APPROVED BY:**

PATRICK MULQUEEN

AJV-5430

Approved By Signature:

*Digitally signed by***DONALD H LANIER**

Oct 02, 2018

**CHANGES:**

1. UPDATED MARCO ISLAND AIRPORT NAME TO MARCO ISLAND EXECUTIVE.

**REASONS:**

1. PROPOSED AIRPORT NAME CHANGE WITH UPDATED AIRPORT PENDING DATA IN AIRNAV.

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
STAR (DATA RECORD)**

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
SHFTY (RNAV)	FOUR	SHFTY.SHFTY4	THREE	09/13/2018	<b>03 JAN 2019</b>

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
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**EN ROUTE TRANSITION**

CYNTA	303627.06N / 0820535.45W	Y	-	IF	-	-			CYNTA.SHFTY4
BOCAP	301111.14N / 0820756.72W	Y	FB	TF	184.63	25.29			
HEPOX	292303.61N / 0815817.40W	Y	FB	TF	170.03	48.74			
WOSAK	284737.74N / 0815118.19W	Y	FB	TF	170.15	35.87			
INPIN	283312.69N / 0814826.80W	Y	FB	TF	170.08	14.60			
VALCH	280320.55N / 0813956.25W	Y	FB	TF	165.82	30.72			
SHFTY	274223.99N / 0814557.72W	Y	FB	TF	194.36	21.56			

**EN ROUTE TRANSITION**

HIBAC	290538.63N / 0793404.65W	Y	-	IF	-	-			HIBAC.SHFTY4
PIVVV	285050.64N / 0794106.19W	Y	FB	TF	202.69	16.00			
CRIZZ	284019.00N / 0795745.00W	Y	FB	TF	234.40	18.01			
LOOOU	282935.00N / 0801819.00W	Y	FB	TF	239.49	21.03			
CRMIN	280359.42N / 0812152.52W	Y	FB	TF	245.79	61.65			
SHFTY	274223.99N / 0814557.72W	Y	FB	TF	224.84	30.32			

QUALITY  
14  
CHECKED

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SHFTY (RNAV)	FOUR	SHFTY.SHFTY4	THREE	09/13/2018	<b>03 JAN 2019</b>

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
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**COMMON ROUTE**

SHFTY	274223.99N / 0814557.72W	Y	-	IF	-	-			SHFTY.SHFTY4
WRTRS	273535.89N / 0814547.44W	Y	FB	TF	178.71	06.78			
MAZZY	270702.28N / 0813201.90W	Y	FB	TF	156.67	31.00			
MOEMO	270035.01N / 0812856.03W	Y	FB	TF	156.74	07.01			
LBV VORTAC	264941.47N / 0812329.18W	Y	FB	TF	155.83	11.90			

**COMMON ROUTE**

SHFTY	274223.99N / 0814557.72W	Y	-	IF	-	-			SHFTY.SHFTY4
WRTRS	273535.89N / 0814547.44W	Y	FB	TF	178.71	06.78			
MAZZY	270702.28N / 0813201.90W	Y	FB	TF	156.67	31.00			
MOEMO	270035.01N / 0812856.03W	Y	FB	TF	156.74	07.01			
LBV VORTAC	264941.47N / 0812329.18W	Y	FB	TF	155.83	11.90			

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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
IRNIE	263956.70N / 0812348.77W	Y	FB	TF	181.72	09.72			
KOCHE	263114.78N / 0812408.26W	Y	FB	TF	181.92	08.68			
COGDL	261815.36N / 0812904.94W	Y	FB	TF	198.94	13.69			
TIOFF	260455.97N / 0814346.73W	Y	FO	TF	224.92	18.74			
KAPF				VM	226.00				
<b>COMMON ROUTE</b>									
SHFTY	274223.99N / 0814557.72W	Y	-	IF	-	-			SHFTY.SHFTY4
WRTRS	273535.89N / 0814547.44W	Y	FB	TF	178.71	06.78			
MAZZY	270702.28N / 0813201.90W	Y	FB	TF	156.67	31.00			
MOEMO	270035.01N / 0812856.03W	Y	FB	TF	156.74	07.01			
LBV VORTAC	264941.47N / 0812329.18W	Y	FB	TF	155.83	11.90			
IRNIE	263956.70N / 0812348.77W	Y	FB	TF	181.72	09.72			
WYCOF	263053.26N / 0813744.82W	Y	FB	TF	234.19	15.41			
PONTY	262124.31N / 0815219.28W	Y	FO	TF	234.20	16.14			
KFMY				VM	236.00				

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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
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**COMMON ROUTE**

SHFTY	274223.99N / 0814557.72W	Y	-	IF	-	-			SHFTY.SHFTY4
WRTRS	273535.89N / 0814547.44W	Y	FB	TF	178.71	06.78			
MAZZY	270702.28N / 0813201.90W	Y	FB	TF	156.67	31.00			
MOEMO	270035.01N / 0812856.03W	Y	FB	TF	156.74	07.01			
LBV VORTAC	264941.47N / 0812329.18W	Y	FB	TF	155.83	11.90			
IRNIE	263956.70N / 0812348.77W	Y	FB	TF	181.72	09.72			
KOCHE	263114.78N / 0812408.26W	Y	FB	TF	181.92	08.68			
COGDL	261815.36N / 0812904.94W	Y	FO	TF	198.94	13.69			
KMKY				VM	196.00				

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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
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**RUNWAY TRANSITION**

LBV VORTAC	264941.47N / 0812329.18W	Y	-	IF	-	-			
IRNIE	263956.70N / 0812348.77W	Y	FB	TF	181.72	09.72			
WYCOF	263053.26N / 0813744.82W	Y	FB	TF	234.19	15.41			
PONTY	262124.31N / 0815219.28W	Y	FO	TF	234.20	16.14			
KRSW: RWY 6				VM	236.00				

**RUNWAY TRANSITION**

LBV VORTAC	264941.47N / 0812329.18W	Y	-	IF	-	-			
KRSW: RWY 24				VM	223.74				

QUALITY  
14  
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