

US DEPARTMENT of TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
**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.  
 Distances are in nautical miles (NM). Graphic depiction attached.

Arrival Name <b>HILEY (RNAV)</b>	Number <b>SIX</b>	STAR Computer Code <b>HILEY.HILEY6</b>	Superseded Number <b>FIVE</b>	Dated <b>13 NOV 2014</b>	Effective Date <b>25 JUN 2015</b>
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TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Mag Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
JORAY	JORAY.HILEY6	JORAY	JORAY						
		JORAY	OSOGY	200.25	74.31	FL180			
		OSOGY	AMZAR	200.35	30.00	16000			
		AMZAR	STAPL	211.76	08.68	10000			
		STAPL	MILSY	242.38	07.05	10000			
		MILSY	BOYUR	242.52	09.31	10000			
		BOYUR	HILEY	228.59	10.68	10000			
ORMOND BEACH	OMN.HILEY6	OMN VORTAC	OMN VORTAC						
		OMN VORTAC	MALET	165.55	38.80	FL180			
		MALET	PCMAN	165.56	09.12	FL180			
		PCMAN	MLB VOR/DME	165.67	28.07	16000			
		MLB VOR/DME	TRV VORTAC	168.10	26.69	10000			
		TRV VORTAC	PHORD	165.04	24.00	10000			
		PHORD	SMUGS	165.16	06.92	10000			
		SMUGS	MORGA	165.13	14.78	10000			
		MORGA	PBI VORTAC	165.19	17.81	10000			
		PBI VORTAC	BTOGA	176.16	12.98	10000			
		BTOGA	HILEY	176.18	12.79	10000			
FREEPORT	ZFP.HILEY6	ZFP VOR/DME	ZFP VOR/DME						
		ZFP VOR/DME	STAPL	273.52	49.67	16000			
		STAPL	MILSY	242.38	07.05	10000			
		MILSY	BOYUR	242.52	09.31	10000			
		BOYUR	HILEY	228.59	10.68	10000			

ARRIVAL ROUTE DESCRIPTION:

FROM HILEY ON TRACK 199.30/17.99NM TO KAINS (MEA 8000), THEN ON TRACK 243.11/5.08 NM TO CIMBA (MEA 4000), THEN ON TRACK 254.96/5.95 NM TO JESSS (MEA 3000), THEN ON TRACK 271.34/30.81 NM TO RUBOE (MEA 3000), THEN ON HEADING 271.34 OR AS ASSIGNED BY ATC. EXPECT RADAR VECTORS.

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<b>HILEY (RNAV)</b>	<b>SIX</b>	<b>HILEY.HILEY6</b>	<b>FIVE</b>	<b>13 NOV 2014</b>	<b>25 JUN 2015</b>

PROCEDURAL DATA NOTES:

NOTE: RADAR REQUIRED.

NOTE: RNAV 1.

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: TURBOJET AND TURBOPROP AIRCRAFT ONLY.

NOTE: PRIMARY LANDING RUNWAYS: 08L, 12, 26R.

NOTE: KMIA LANDING EAST, EXPECT TO CROSS BTOGA AT 13000 AND 280 KIAS.

NOTE: KMIA LANDING WEST, EXPECT TO CROSS BTOGA AT 11000 AND 250 KIAS.

NOTE: KMIA LANDING EAST, EXPECT TO CROSS MILSY AT 16000 AND 280 KIAS.

NOTE: KMIA LANDING WEST, EXPECT TO CROSS MILSY AT 13000 AND 250 KIAS.

FIXES AND/OR HOLDING PATTERNS:

CHART HOXIL.

CHART HOLDING AT JORAY: N, RT, 200.25 INBOUND, 10 NM LEGS.

CHART HOLDING AT AMZAR: N, RT, 200.35 INBOUND, 10 NM LEGS.

CHART HOLDING AT OSOGY: N, RT, 200.25 INBOUND, 10 NM LEGS.

CHART HOLDING AT PCMAN: N, LT, 165.56 INBOUND, 10 NM LEGS

CHART HOLDING AT TRV VORTAC: N, LT, 168.09 INBOUND, 10 NM LEGS

CHART HOLDING AT PBI VORTAC: N, LT, 165.19 INBOUND, 10 NM LEGS

CHART HOLDING AT MILSY: NE, RT, 242.38 INBOUND, 10 NM LEGS

COMMUNICATIONS:

MIAMI INT'L APPCON, MIAMI INT'L ATIS

MIAMI EXECUTIVE ATIS, HOMESTEAD ARB ATIS.

AIRPORTS SERVED:

MIAMI INTERNATIONAL AIRPORT, MIAMI, FLORIDA

HOMESTEAD GENERAL AVIATION, HOMESTEAD, FL.

HOMESTEAD ARB, HOMESTEAD, FL.

MIAMI EXECUTIVE AIRPORT, MIAMI, FL.

OCEAN REEF CLUB (PRIVATE), KEY LARGO, FL.

LOST COMMUNICATIONS PROCEDURE:

KMIA LANDING EAST: CONTINUE TRACK TO RUBOE WP, THEN TURN LEFT TO INTERCEPT RWY 8L FINAL APPROACH COURSE, CONDUCT APPROACH.

GROUP 6 AIRCRAFT, CONTINUE TRACK TO RUBOE WP, THEN TURN LEFT TO INTERCEPT RWY 8R FINAL APPROACH COURSE, CONDUCT APPROACH.

KMIA LANDING WEST: CONTINUE TRACK TO HILEY WP, PROCEED DIRECT TO HOXIL WP, THEN TURN RIGHT TO INTERCEPT RWY 26R FINAL APPROACH COURSE, CONDUCT APPROACH.

GROUP 6 AIRCRAFT, CONTINUE TRACK TO HILEY WP, PROCEED DIRECT TO HOXIL WP, THEN TURN RIGHT TO INTERCEPT RWY 26L FINAL APPROACH COURSE, CONDUCT APPROACH.

REMARKS:

CHART: KTMB, 07FA, KHST, X51

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<b>HILEY (RNAV)</b>	<b>SIX</b>	<b>HILEY.HILEY6</b>	<b>FIVE</b>	<b>13 NOV 2014</b>	<b>25 JUN 2015</b>

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0).

REFERENCE MAGNETIC VARIATION = KMIA 05W/2000

CHANGES:

1.CHANGED AIRPORT NAME FROM KENDALL-TAMIAMI EXECUTIVE AIRPORT TO MIAMI EXECUTIVE AIRPORT.

REASONS:

1. REQUEST FROM AIRPORT AUTHORITY.



## US DEPARTMENT of TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

## STAR (DATA RECORD)

Arrival Name <b>HILEY (RNAV)</b>	Number <b>SIX</b>	STAR Computer Code <b>HILEY.HILEY6</b>	Superseded Number <b>FIVE</b>	Dated <b>13 NOV 2014</b>	Effective Date <b>25 JUN 2015</b>
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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
<b>En Route Transition</b>									
OMN VORTAC	291811.71N / 0810645.71W	Y		IF					OMN.HILEY6
MALET	284129.90N / 0805204.30W	Y	FB	TF	160.55	38.80			
PCMAN	283252.71N / 0804837.54W	Y	FB	TF	160.56	09.12			
MLB VOR/DME	280619.02N / 0803807.22W	Y	FB	TF	160.67	28.07			
TRV VORTAC	274042.30N / 0802923.00W	Y	FB	TF	163.10	26.69			
PHORD	271804.64N / 0802011.06W	Y	FB	TF	160.04	24.00			
SMUGS	271133.07N / 0801733.05W	Y	FB	TF	160.16	06.92			
MORGA	265736.78N / 0801155.87W	Y	FB	TF	160.13	14.78			
PBI VORTAC	264048.19N / 0800511.42W	Y	FB	TF	160.19	17.81			
BTOGA	262756.38N / 0800258.04W	Y	FB	TF	171.16	12.98			
HILEY	261515.81N / 0800047.10W	Y	FB	TF	171.18	12.79			
<b>En Route Transition</b>									
JORAY	282034.13N / 0790205.88W	Y		IF					JORAY.HILEY6
OSOGY	270839.21N / 0792400.45W	Y	FB	TF	195.25	74.31			
AMZAR	263938.19N / 0793252.42W	Y	FB	TF	195.35	30.00			
STAPL	263151.52N / 0793714.01W	Y	FB	TF	206.76	08.68			
MILSY	262802.67N / 0794350.98W	Y	FB	TF	237.38	07.05			
BOYUR	262301.58N / 0795235.69W	Y	FB	TF	237.52	09.31			
HILEY	261515.81N / 0800047.10W	Y	FB	TF	223.59	10.68			
<b>En Route Transition</b>									
ZFP VOR/DME	263319.25N / 0784152.25W	Y		IF					ZFP.HILEY6
STAPL	263151.52N / 0793714.01W	Y	FB	TF	268.52	49.67			
MILSY	262802.67N / 0794350.98W	Y	FB	TF	237.38	07.05			
BOYUR	262301.58N / 0795235.69W	Y	FB	TF	237.52	09.31			
HILEY	261515.81N / 0800047.10W	Y	FB	TF	223.59	10.68			

QUALITY  
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CHECKED

## US DEPARTMENT of TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

## STAR (DATA RECORD)

Arrival Name HILEY (RNAV)	Number SIX		STAR Computer Code HILEY.HILEY6		Superseded Number FIVE		Dated 13 NOV 2014		Effective Date 25 JUN 2015	
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS	
Common Route										
HILEY	261515.81N / 0800047.10W	Y		IF					HILEY.HILEY6	
KAINS	255746.89N / 0800542.76W	Y	FB	TF	194.30	17.99				
CIMBA	255505.16N / 0801030.08W	Y	FB	TF	238.11	05.08				
JESSS	255302.34N / 0801641.91W	Y	FB	TF	249.96	05.95				
RUBOE	255059.97N / 0805047.01W	Y	FO	TF	266.34	30.81				
07FA,KHST,KMIA, KTMB,X51				VM	266.34					

