

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.
Distances are in nautical miles (NM). Graphic depictions attached.

Arrival Name FLOSI (RNAV)	Number FOUR	STAR Computer Code FLOSI.FLOSI4	Superseded Number THREE	Dated 02/06/2014	Effective Date 05 DEC 2019				
TRANSITION ROUTES:									
Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
BARNES	BAF.FLOSI4	BAF VORTAC	BAF VORTAC						
			BOWAN	278.00	36.25	14000			
			WIGAN	277.46	13.03	14000			
			TALCO	277.25	13.15	14000			
			WEETS	211.13	12.95	8000			
			HELON	211.09	11.99	8000			
			FLOSI	211.03	07.81	5000			
GENESEO	GEE.FLOSI4	GEE VOR/DME	GEE VOR/DME						
			EXTOL	114.76	50.39	17000			
			KODEY	134.18	43.41	17000			
			HNK VOR/DME	134.75	24.60	17000			
			HELON	129.72	52.15	8000			
			FLOSI	211.03	07.81	5000			
HANAA	HANAA.FLOSI4	HANAA	HANAA						
			ALB VORTAC	210.30	28.30	17000			
			ACOVE	211.35	32.37	17000			
			TALCO	211.20	10.86	14000			
			WEETS	211.13	12.95	8000			
			HELON	211.09	11.99	8000			
			FLOSI	211.03	07.81	5000			
HANCOCK	HNK.FLOSI4	HNK VOR/DME	HNK VOR/DME						
			HELON	129.72	52.15	8000			
			FLOSI	211.03	07.81	5000			
NELIE	NELIE.FLOSI4	NELIE	NELIE						
			IGN VOR/DME	265.38	53.49	8000			
			FLOSI	265.56	24.17	5000			

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FLOSI (RNAV)	FOUR	FLOSI.FLOSI4	THREE	02/06/2014	<i>05 DEC 2019</i>

ARRIVAL ROUTE DESCRIPTION:

FROM FLOSI ON TRACK 211.00/8.00 TO CRANK (MEA 5000), THEN ON TRACK 210.96/8.00 TO SHAFF (MEA 5000), THEN ON TRACK 210.92/14.00 TO SAX VORTAC (MEA 4000), THEN ON TRACK 197.01/14.26 TO PHLBO (MEA 4000), THEN ON TRACK 190.68/10.49 TO HOKIR (MEA 4000), THEN ON HEADING 180.00, EXPECT RADAR VECTORS.

PROCEDURAL DATA NOTES:

NOTE: RADAR REQUIRED

NOTE: RNAV 1

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: APPLICABLE TO TURBOJET AND NONTURBOJET AIRCRAFT CAPABLE OF 250 KIAS.

NOTE: EXPECT TO CROSS HNK VORTAC AT OR BELOW LOWEST USABLE FLIGHT LEVEL.

NOTE: EXPECT TO CROSS HANAA AT OR BELOW FL 240.

NOTE: EXPECT TO CROSS NELIE AT OR BELOW 16000.

NOTE: LANDING RWY 22L/R APPROACHING SAX VORTAC EXPECT RADAR VECTORS.

NOTE: LANDING RWY 11 APPROACHING PHILBO EXPECT RADAR VECTORS.

NOTE: LANDING RWY 4L/R & RWY 29 APPROACHING HOKIR EXPECT RADAR VECTORS.

NOTE: AT BAF VORTAC: EXPECT TO CROSS 10 NM EAST OF BAF VORTAC AT OR BELOW 16000.

NOTE: EXPECT TO CROSS CRANK AT 7000.

NOTE: USE CAUTION: GLIDER ACTIVITY BETWEEN FLOSI AND SHAFF.

NOTE: USE CAUTION: PARACHUTE OPERATIONS 4NM RADIUS OF 5NY5 AT OR BELOW 14500.

FIXES AND/OR HOLDING PATTERNS:

CHART: SKEEE (HOLD NE, RT, 217.00 INBOUND, 10NM), HANAA (HOLD NE, RT 210.30 INBOUND, 10NM), KODEY (HOLD NW, LT 133.00 INBOUND, 10NM), HELON (HOLD NE, RT, 211.03 INBOUND, 10NM), SHAFF (HOLD NE, LT, 210.92 INBOUND, 10NM), ACOVE (HOLD NE, RT, 211.20 INBOUND, 10NM)

COMMUNICATIONS:

NEWARK ATIS, BOSTON ARTCC, NEW YORK APP CON

AIRPORTS SERVED:

NEWARK LIBERTY INTL, NEWARK, NJ (KEWR)

LOST COMMUNICATIONS PROCEDURE:REMARKS:

ABBREVIATED AMDT; DOES NOT MEET PERIODIC REVIEW REQUIREMENTS.

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)

REFERENCE MAGNETIC VARIATION = KEWR 13W/1985

CHART: 5NY5

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Arrival Name FLOSI (RNAV)	Number FOUR	STAR Computer Code FLOSI.FLOSI4	Superseded Number THREE	Dated 02/06/2014	Effective Date <i>05 DEC 2019</i>
<u>FLIGHT INSPECTED BY:</u>				<i>Digitally signed by</i> JACOB POWERS Jul 30, 2019	
FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, DEC 22, 2017.				<i>Digitally signed by</i> Signature DAN POWELL Jul 08, 2019	
<u>DEVELOPED BY:</u>	DAN POWELL	AJV-A442	07/09/2019	<i>Digitally signed by</i> Signature JACOB POWERS Jul 30, 2019	
	Name	Organization	Date		
<u>APPROVED BY:</u>	PAT MULQUEEN	AJV-A440			
	Name	Organization	Date		

CHANGES:

1. Changed Note from "TURBOPROP AIRCRAFT 250 KIAS OR GREATER ARE AUTHORIZED" to "APPLICABLE TO TURBOJET AND NONTURBOJET AIRCRAFT CAPABLE OF 250 KIAS."
2. UPDATED COORDINATES FOR SAX VORTAC FROM 410403.16N/0743217.93W TO 410403.15N/0743217.91W (no change in course/distance).
3. REMOVED MEA REMARK.

REASONS:

1. ATC REQUEST (The old wording seems to be confusing and appears to authorize aircraft to exceed 250 KIAS below 10000).
2. MATCH CURRENT AVNIS DATA.
3. NO LONGER REQUIRED.

QUALITY
14
CHECKED

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STAR (DATA RECORD)

Arrival Name FLOSI (RNAV)	Number FOUR	STAR Computer Code FLOSI.FLOSI4		Superseded Number THREE		Dated 02/06/2014		Effective Date 05 DEC 2019	
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
BAF VORTAC	420943.05N / 0724258.32W			IF					BAF.FLOSI4
BOWAN	420623.14N / 0733128.95W		FB	TF	265.00	36.25			
WIGAN	420506.33N / 0734853.89W		FB	TF	264.46	13.03			
TALCO	420345.97N / 0740627.85W		FB	TF	264.25	13.15			
WEETS	415126.98N / 0741151.51W		FB	TF	198.13	12.95			
HELON	414002.72N / 0741649.52W		FB	TF	198.09	11.99			
FLOSI	413236.70N / 0742002.75W		FB	TF	198.03	07.81			
En Route Transition									
GEE VOR/DME	425003.83N / 0774357.90W			IF					GEE.FLOSI4
EXTOL	423927.69N / 0763706.10W		FB	TF	101.76	50.39			
KODEY	421647.53N / 0754704.00W		FB	TF	121.18	43.41			
HNK VOR/DME	420347.01N / 0751858.62W		FB	TF	121.75	24.60			
HELON	414002.72N / 0741649.52W		FB	TF	116.72	52.15			
FLOSI	413236.70N / 0742002.75W		FB	TF	198.03	07.81			
En Route Transition									
HANAA	431152.06N / 0733646.17W			IF					HANAA.FLOSI4
ALB VORTAC	424450.21N / 0734811.47W		FB	TF	197.30	28.30			
ACOVE	421405.22N / 0740154.59W		FB	TF	198.35	32.37			
TALCO	420345.97N / 0740627.85W		FB	TF	198.20	10.86			
WEETS	415126.98N / 0741151.51W		FB	TF	198.13	12.95			
HELON	414002.72N / 0741649.52W		FB	TF	198.09	11.99			
FLOSI	413236.70N / 0742002.75W		FB	TF	198.03	07.81			

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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
HNK VOR/DME	420347.01N / 0751858.62W			IF					HNK.FLOSI4
HELON	414002.72N / 0741649.52W		FB	TF	116.72	52.15			
FLOSI	413236.70N / 0742002.75W		FB	TF	198.03	07.81			
En Route Transition									
NELIE	415627.64N / 0724118.88W			IF					NELIE.FLOSI4
IGN VOR/DME	413955.62N / 0734920.01W		FB	TF	252.38	53.49			
FLOSI	413236.70N / 0742002.75W		FB	TF	252.56	24.17			
Common Route									
FLOSI	413236.70N / 0742002.75W			IF					FLOSI.FLOSI4
CRANK	412459.79N / 0742319.93W		FB	TF	198.00	08.00			
SHAFF	411722.94N / 0742636.26W		FB	TF	197.96	08.00			
SAX VORTAC	410403.15N / 0743217.91W		FB	TF	197.92	14.00			
PHLBO	404949.39N / 0743336.68W		FB	TF	184.01	14.26			
HOKIR	403920.15N / 0743303.17W		FO	TF	177.68	10.49			
KEWR				VM	167.00				

