

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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
JFUND (RNAV)	TWO	JFUND.JFUND2	ONE	05/26/2016	12 OCT 2017

TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Mag Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
ONDEC	ONDEC.JFUND2	ONDEC	ONDEC						AT/ABOVE 11000
			JFUND	092.49	11.11	9000	2700		
PONCT	PONCT.JFUND2	PONCT	PONCT						
			STOLI	105.45	30.90	17000	5300		
			MNSTA	113.83	21.69	17000	5300		AT/ABOVE FL240
			SEETS	114.29	14.00	14000	3900		AT/ABOVE FL210
			DUBLE	113.89	12.38	12000	3800		AT/ABOVE 17000
			BASEZ	114.47	8.93	9000	2700		AT/ABOVE 14000
			JFUND	114.60	1.00	9000	2700		
WHATE	WHATE.JFUND2	WHATE	WHATE						
			ONDEC	092.66	31.59	11000	4000		AT/ABOVE 11000
			JFUND	092.49	11.11	9000	2700		

ARRIVAL ROUTE DESCRIPTION:

LANDING RWY 4R/L: FROM JFUND ON TRACK 116.99/10.37 TO CROSS AUTUM BETWEEN 11000 AND 12000 AND AT 270 KIAS (MEA 9000/MOCA 2700), THEN ON TRACK 120.60/10.40 TO CROSS WINTA BETWEEN 8000 AND 10000 AND AT 250 KIAS (MEA 8000/MOCA 1900), THEN ON TRACK 120.06/9.68 TO HRRIS (MEA 6000/MOCA 1700), THEN ON TRACK 111.97/5.77 TO CROSS SPYSD AT 7000 AND AT 220 KIAS (MEA 4000/MOCA 1700), THEN ON TRACK 168.62/9.23 TO GRIFI (MEA 4000/MOCA 1500), THEN ON TRACK 212.83/2.33 TO CROSS GGABE AT 6000 AND AT 220 KIAS (MEA 4000/MOCA 1400), THEN ON TRACK 212.68/6.07 TO CROSS JOBEE AT 6000 AND AT 210 KIAS (MEA 4000/MOCA 1500), THEN ON TRACK 212.68. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 15R: FROM JFUND ON TRACK 090.17/5.00 TO CROSS BADCA AT OR ABOVE 9000 AND AT 250 KIAS (MEA 9000/MOCA 2700), THEN ON TRACK 090.25/10.57 TO CROSS WACHU AT 7000 AND AT 210 KIAS (MEA 6000/MOCA 2000), THEN ON TRACK 121.13/4.38 TO SSAAM (MEA 5000/MOCA 1700), THEN ON TRACK 148.23/4.08 TO AADMS (MEA 4000/MOCA 1700), THEN ON TRACK 148.23. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 22R/L: FROM JFUND ON TRACK 116.99/10.37 TO CROSS AUTUM BETWEEN 11000 AND 12000 AND AT 270 KIAS (MEA 9000/MOCA 2700), THEN ON TRACK 120.60/10.40 TO CROSS WINTA BETWEEN 8000 AND 10000 AND AT 250 KIAS (MEA 8000/MOCA 1900), THEN ON TRACK 120.06/9.68 TO HRRIS (MEA 6000/MOCA 1700), THEN ON TRACK 078.61/4.71 TO CROSS ISLAY AT 6000 AND AT 220 KIAS (MEA 4000/MOCA 1600), THEN ON TRACK 035.02/5.50 TO CROSS LWLND AT 6000 AND AT 210 KIAS (MEA 4000/MOCA 1500), THEN ON TRACK 035.02. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 27: FROM JFUND ON TRACK 116.99/10.37 TO CROSS AUTUM BETWEEN 11000 AND 12000 AND AT 270 KIAS (MEA 9000/MOCA 2700), THEN ON TRACK 120.60/10.40 TO CROSS WINTA BETWEEN 8000 AND 10000 AND AT 250 KIAS (MEA 8000/MOCA 1900), THEN ON TRACK 120.06/9.68 TO HRRIS (MEA 6000/MOCA 1700), THEN ON TRACK 111.97/5.77 TO CROSS SPYSD AT 7000 AND AT 220 KIAS (MEA 4000/MOCA 1700), THEN ON TRACK 115.03/2.96 TO REVER (MEA 4000/MOCA 1500), THEN ON TRACK 093.23/8.00 TO CROSS SEHAG AT 6000 AND AT 210 KIAS (MEA 4000/MOCA 1500), THEN ON TRACK 093.23. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 32, 33L: FROM JFUND ON TRACK 116.99/10.37 TO CROSS AUTUM BETWEEN 11000 AND 12000 AND AT 270 KIAS (MEA 9000/MOCA 2700), THEN ON TRACK 120.60/10.40 TO CROSS WINTA BETWEEN 8000 AND 10000 AND AT 250 KIAS (MEA 8000/MOCA 1900), THEN ON TRACK 120.06/9.68 TO HRRIS (MEA 6000/MOCA 1700), THEN ON TRACK 111.97/5.77 TO CROSS SPYSD AT 7000 AND AT 220 KIAS (MEA 4000/MOCA 1700), THEN ON TRACK 143.73/6.00 TO CROSS BRODI AT OR BELOW 6000 (MEA 4000/MOCA 1500), THEN ON TRACK 143.80/4.79 TO CROSS BECHH AT 5000 AND AT 220 KIAS (MEA 4000/MOCA 1400), THEN ON TRACK 150.36/4.90 TO CROSS SCITU AT 5000 AND AT 210 KIAS (MEA 4000/MOCA 1300), THEN ON TRACK 150.36. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

QUALITY
16
CHECKED

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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
JFUND (RNAV)	TWO	JFUND.JFUND2	ONE	05/26/2016	12 OCT 2017

PROCEDURAL DATA NOTES:

NOTE: RADAR REQUIRED

NOTE: RNAV 1

NOTE: DME/DME/IRU OR GPS REQUIRED

NOTE: TURBOJET AIRCRAFT ONLY

NOTE: ONDEC AND WHATE TRANSITION ASSIGNED BY ATC ONLY.

NOTE: RW15R NA FROM PONCT TRANSITION. EXPECT THE ONDEC TRANSITION.

CHART: CROSS SEETS AT 280 KIAS.

FIXES AND/OR HOLDING PATTERNS:

CHART SWIGG AS A STAND-ALONE FIX.

CHART HOLDING AT JFUND: NW, LT, 117.00 INBOUND, 10 NM LEGS.

CHART HOLDING AT ONDEC: NW, LT, 113.00 INBOUND, 15 NM LEGS.

CHART HOLDING AT SEETS: NW, RT, 114.00 INBOUND, 15 NM LEGS, AT OR BELOW 230 KIAS.

COMMUNICATIONS:

ATIS, APP CON

AIRPORTS SERVED:

GENERAL EDWARD LAWRENCE LOGAN INTL, BOSTON, MA

LOST COMMUNICATIONS PROCEDURE:

REMARKS:

DEPICT SWIGG OFFSET FROM THE FM LEG AFTER AADMS TO EMPHASIZE THAT IT IS NOT ON THE TRANSITION.

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)

REFERENCE MAG VAR: KBOS 15W/2020.

CHART: "ASSIGNED BY ATC ONLY" AFTER ONDEC AND WHATE ENROUTE TRANSITION COMPUTER CODES.

ENSURE CORRESPONDING NOTE IS ALSO CHARTED ON PROCEDURE GRAPHIC ADJACENT TO TRANSITION DEPICTION.

CHART: "RW15R NA FROM PONCT TRANSITION. EXPECT THE ONDEC TRANSITION." ON PROCEDURE GRAPHIC NEAR BOTH AADMS WAYPOINT AND PONCT WAYPOINTS.



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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
JFUND (RNAV)	TWO	JFUND.JFUND2	ONE	05/26/2016	12 OCT 2017
<u>FLIGHT INSPECTED BY:</u>			<i>Digitally signed by</i> ROBERT G HAMILTON		
STEPHEN JUTRAS		FICO	7/12/17	Jul 20, 2017	
Name		Organization	Date	Signature	
<u>DEVELOPED BY:</u>			<i>Digitally signed by</i> PETER R GUIMOND		
PETER GUIMOND, AIS		AJV-5422	04/30/2017	Apr 30, 2017	
Name		Organization	Date	Signature	
<u>APPROVED BY:</u>			<i>Digitally signed by</i> ROBERT G HAMILTON		
JULIE MORGAN, MANAGER		AJV-5420		Jul 20, 2017	
Name		Organization	Date	Signature	

CHANGES:

1. AMENDED REFERENCE MAGVAR FROM KBOS 16W/1995 TO KBOS 15W/2020.
2. DECREASED ALL MAGNETIC HEADINGS BY 1 DEGREE.
3. AMENDED RECOMMENDED NAVAID FOR FM LEGS FROM BOS VOR/DME TO CON VOR/DME ON FAA FORM 8260-17.2.

REASONS:

1. MATCH PENDING AIRNAV DATA FOR AIRPORT.
2. COMPUTED USING UPDATED KBOS REFERENCE MAGVAR.
3. CONCORD VOR/DME IS THE CLOSEST FACILITY THAT HAS AN ASSIGNED MAGVAR THAT MATCHES THE PROCEDURE REFERENCE MAGVAR (15W) AND IS NOT ON THE CURRENT FACILITY DECOMMISSIONING LIST.

7/19/2017: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 4/30/2017.

1. ADDED NOTE TO EXPECT THE ONDEC TRANSITION FOR RWY15R.



FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STAR (DATA RECORD)

Arrival Name JFUND (RNAV)	Number TWO	STAR Computer Code JFUND.JFUND2	Superseded Number ONE	Dated 05/26/2016	Effective Date 12 OCT 2017				
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
ONDEC	423247.83N / 0720356.71W	Y		IF			AT/ABOVE 11000		ONDEC.JFUND2
JFUND	423511.34N / 0714915.93W	Y	FB	TF	077.49	11.11			
En Route Transition									
PONCT	424448.83N / 0734848.07W	Y		IF					PONCT.JFUND2
STOLI	424426.75N / 0730652.28W	Y	FB	TF	090.45	30.90			
MNSTA	424103.33N / 0723748.69W	Y	FB	TF	098.83	21.69	AT/ABOVE FL240		
SEETS	423846.19N / 0721905.71W	Y	FB	TF	099.29	14.00	AT/ABOVE FL210	AT 280K	
DUBLE	423650.17N / 0720231.58W	Y	FB	TF	098.89	12.38	AT/ABOVE 17000		
BASEZ	423521.36N / 0715036.02W	Y	FB	TF	099.47	8.93	AT/ABOVE 14000		
JFUND	423511.34N / 0714915.93W	Y	FB	TF	099.60	1.00			
En Route Transition									
WHATE	422610.03N / 0724541.96W	Y		IF					WHATE.JFUND2
ONDEC	423247.83N / 0720356.71W	Y	FB	TF	077.66	31.59	AT/ABOVE 11000		
JFUND	423511.34N / 0714915.93W	Y	FB	TF	077.49	11.11			
Runway Transition									
JFUND	423511.34N / 0714915.93W	Y		IF					
AUTUM	423301.17N / 0713532.36W	Y	FB	TF	101.99	10.37	11000B12000	AT 270K	
WINTA	423012.45N / 0712159.67W	Y	FB	TF	105.60	10.40	8000B10000	AT 250K	
HRRIS	422740.77N / 0710921.69W	Y	FB	TF	105.06	9.68			
SPYSD	422658.45N / 0710137.25W	Y	FB	TF	096.97	5.77	AT 7000	AT 220K	
GRIFI	421842.17N / 0705605.73W	Y	FB	TF	153.62	9.23			
GGABE	421629.28N / 0705703.28W	Y	FB	TF	197.83	2.33	AT 6000	AT 220K	
JOBEE	421041.96N / 0705932.15W	Y	FO	TF	197.68	6.07	AT 6000	AT 210K	
KBOS:RWY 04B				FM	197.68				RECOMMENDED NAVAID: CON VOR/DME

QUALITY

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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
Runway Transition									
JFUND	423511.34N / 0714915.93W	Y		IF					
BADCA	423627.95N / 0714243.21W	Y	FB	TF	075.17	5.00	AT/ABOVE 9000	AT 250K	
WACHU	423908.71N / 0712851.95W	Y	FB	TF	075.25	10.57	AT 7000	AT 210K	
SSAAM	423755.51N / 0712309.86W	Y	FB	TF	106.13	4.38			
AADMS	423507.53N / 0711908.13W	Y	FO	TF	133.23	4.08			
KBOS:RWY 15R				FM	133.23				RECOMMENDED NAVAID: CON VOR/DME

Runway Transition									
JFUND	423511.34N / 0714915.93W	Y		IF					
AUTUM	423301.17N / 0713532.36W	Y	FB	TF	101.99	10.37	11000B12000	AT 270K	
WINTA	423012.45N / 0712159.67W	Y	FB	TF	105.60	10.40	8000B10000	AT 250K	
HRRIS	422740.77N / 0710921.69W	Y	FB	TF	105.06	9.68			
ISLAY	422946.42N / 0710339.16W	Y	FB	TF	063.61	4.71	AT 6000	AT 220K	
LWLND	423456.56N / 0710106.27W	Y	FO	TF	020.02	5.50	AT 6000	AT 210K	
KBOS:RWY 22B				FM	020.02				RECOMMENDED NAVAID: CON VOR/DME

Runway Transition									
JFUND	423511.34N / 0714915.93W	Y		IF					
AUTUM	423301.17N / 0713532.36W	Y	FB	TF	101.99	10.37	11000B12000	AT 270K	
WINTA	423012.45N / 0712159.67W	Y	FB	TF	105.60	10.40	8000B10000	AT 250K	
HRRIS	422740.77N / 0710921.69W	Y	FB	TF	105.06	9.68			
SPYSD	422658.45N / 0710137.25W	Y	FB	TF	096.97	5.77	AT 7000	AT 220K	
REVER	422627.48N / 0705741.31W	Y	FB	TF	100.03	2.96			
SEHAG	422804.94N / 0704706.19W	Y	FO	TF	078.23	8.00	AT 6000	AT 210K	
KBOS:RWY 27				FM	078.23				RECOMMENDED NAVAID: CON VOR/DME

Runway Transition									
JFUND	423511.34N / 0714915.93W	Y		IF					
AUTUM	423301.17N / 0713532.36W	Y	FB	TF	101.99	10.37	11000B12000	AT 270K	

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Arrival Name JFUND (RNAV)	Number TWO	STAR Computer Code JFUND.JFUND2		Superseded Number ONE		Dated 05/26/2016	Effective Date 12 OCT 2017		
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
WINTA	423012.45N / 0712159.67W	Y	FB	TF	105.60	10.40	8000B10000	AT 250K	
HRRIS	422740.77N / 0710921.69W	Y	FB	TF	105.06	9.68			
SPYSD	422658.45N / 0710137.25W	Y	FB	TF	096.97	5.77	AT 7000	AT 220K	
BRODI	422312.97N / 0705518.28W	Y	FB	TF	128.73	6.00	AT/BELOW 6000		
BECHH	422012.83N / 0705016.49W	Y	FB	TF	128.80	4.79	AT 5000	AT 220K	
SCITU	421643.48N / 0704538.19W	Y	FO	TF	135.36	4.90	AT 5000	AT 210K	
KBOS:RWY 32,RWY 33L				FM	135.36	RECOMMENDED NAVAID: CON VOR/DME			