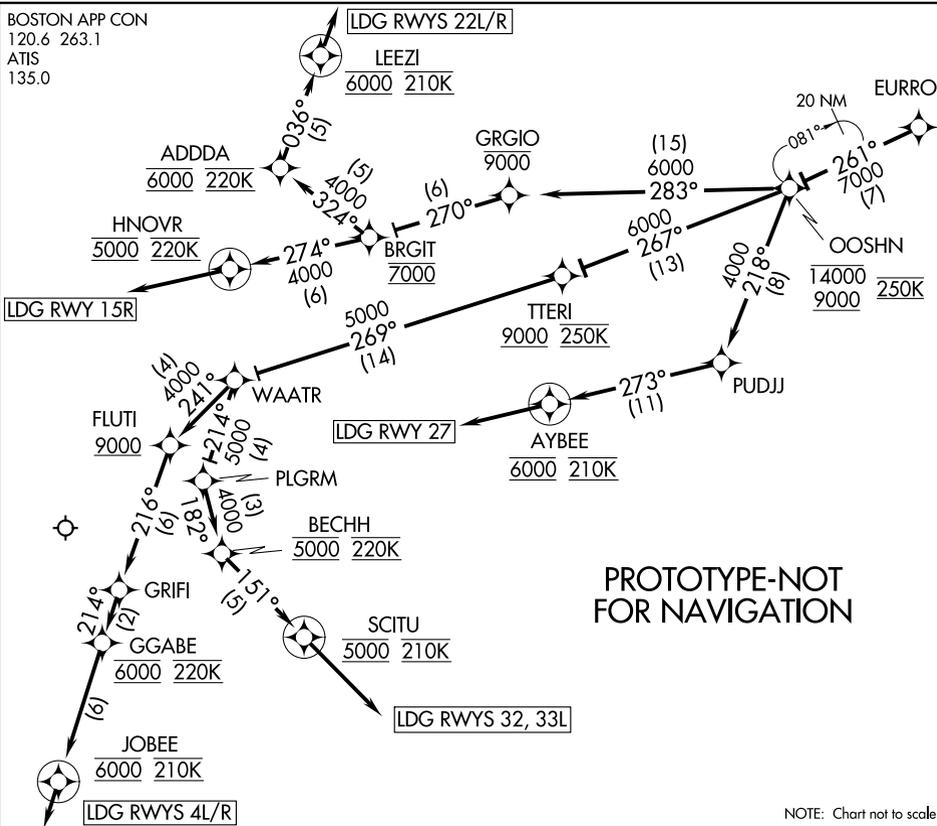


OOSH3 THREE ARRIVAL (RNAV) Arrival Routes

BOSTON APP CON
120.6 263.1
ATIS
135.0



PROTOTYPE-NOT FOR NAVIGATION

NOTE: Chart not to scale.

ARRIVAL ROUTE DESCRIPTION

From over EURRO on track 261° to cross OOSH3 between 9000 and 14000 and at 250K.

Landing Rws 4L/R: From OOSH3 on track 267° to cross TTERI at or above 9000 and at 250K, then on track 269° to WAATR, then on track 241° to cross FLUTI at or above 9000, then on track 216° to GRIFI, then on track 214° to cross GGABE at 6000 and at 220K, then on track 214° to cross JOBEE at 6000 and at 210K, then on track 214°. Expect radar vectors to final approach course.

Landing Rwy 15R: From OOSH3 on track 283° cross GRGIO at or below 9000, then on track 270° to cross BRGIT at 7000, then on track 274° to cross HNOVR at 5000 and at 220K, then on track 274°. Expect radar vectors to final approach course.

Landing Rws 22L/R: From OOSH3 on track 283° to cross GRGIO at or below 9000, then on track 270° to cross BRGIT at 7000, then on track 324° to cross ADDDA at 6000 and at 220K, then on track 036° to cross LEEZI at 6000 and at 210K, then on track 036°. Expect radar vectors to final approach course.

Landing Rwy 27: From OOSH3 on track 218° to PUDJJ, then on track 273° to cross AYBEE at 6000 and at 210K, then on track 273°. Expect radar vectors to final approach course.

Landing Rws 32, 33L: From OOSH3 on track 267° to cross TTERI at or above 9000 at at 250K, then on track 269° to WAATR, then on track 214° to PLGRM, then on track 182° to cross BECHH at 5000 and at 220K, then on track 151° to cross SCITU at 5000 and at 210K, then on track 151°. Expect radar vectors to final approach course.

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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
OOSHN (RNAV)	THREE	EURRO.OOSHN3	TWO	20 SEP 2012	

FROM EURRO ON TRACK 261.10/7.00 TO CROSS OOSHN BETWEEN 9000 AND 14000 AND AT 250KIAS (MEA 7000).

LANDING RWYs 4L, 4R FROM OOSHN ON TRACK 267.18/13.31 TO CROSS TTERI AT OR ABOVE 9000 AND AT 250 KIAS (MEA 6000), THEN ON TRACK 268.75/14.43 TO WAATR (MEA 5000), THEN ON TRACK 240.94/3.84 TO CROSS FLUTI AT OR ABOVE 9000 (MEA 4000), THEN ON TRACK 215.59/6.41 TO GRIFI (MEA 4000), THEN ON TRACK 213.83/2.33 TO CROSS GGABE AT 6000 AND AT 220 KIAS (MEA 4000), THEN ON TRACK 213.68/6.07 TO CROSS JOBEE AT 6000 AND AT 210 KIAS(MEA 4000), THEN ON TRACK 213.68. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.
 LANDING RWY 15R: FROM OOSHN ON TRACK 282.50/14.83 TO CROSS GRGIO AT OR BELOW 9000 (MEA 6000), THEN ON TRACK 269.60/6.14 TO CROSS BRGIT AT 7000 (MEA 6000), THEN ON TRACK 273.59/6.00 TO CROSS HNOVR AT 5000 AND AT 220 KIAS (MEA 4000), THEN ON TRACK 273.59. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.
 LANDING RWYs 22L, 22R,: FROM OOSHN ON TRACK 282.50/14.83 TO CROSS GRGIO AT OR BELOW 9000 (MEA 6000). THEN ON TRACK 269.60/6.14 TO CROSS BRGIT AT 7000 (MEA 6000), THEN ON TRACK 324.04/4.74 TO CROSS ADDDA AT 6000 AND AT 220 KIAS (MEA 4000), THEN ON TRACK 036.01/5.00 TO CROSS LEEZI AT 6000 AND AT 210 KIAS (MEA 4000), THEN ON TRACK 036.01. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.
 LANDING RWY 27: FROM OOSHN ON TRACK 217.82/7.84 TO PUDJJ (MEA 4000), THEN ON TRACK 273.04/10.53 TO CROSS AYBEE AT 6000 AND AT 210 KIAS (MEA 4000), THEN ON TRACK 273.04. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.
 LANDING RWYs 32, 33L: FROM OOSHN ON TRACK 267.18/13.31 TO CROSS TTERI AT OR ABOVE 9000 AND AT 250 KIAS (MEA 6000), THEN ON TRACK 268.75/14.43 TO WAATR (MEA 5000), THEN ON TRACK 213.55/4.42 TO PLGRM (MEA 5000), THEN ON TRACK 181.58/3.14 TO CROSS BECHH AT 5000 AND AT 220 KIAS (MEA 4000), THEN ON TRACK 151.36/4.90 TO CROSS SCITU AT 5000 AND AT 210 KIAS (MEA 4000), THEN ON TRACK 151.36. 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 AIRCRAFT ONLY.
- NOTE: MERIT, FEXXX, RIFLE, PROVI TRANSITIONS ARE ATC ASSIGNED.

FIXES AND/OR HOLDING PATTERNS:

CHART: HOLD NE OF ENE VOR/DME 224.00 INBOUND LT 20NM LEGS, HOLD NE OF AJJAY 218.00 INBOUND LT 20NM LEGS, HOLD EAST OF OOSHN 261.10 INBOUND 20NM LEGS, HOLD SOUTH OF FERNZ 360.00 INBOUND RT 20NM LEGS.

COMMUNICATIONS:

BOSTON APP CON, ATIS

AIRPORTS SERVED:

GENERAL EDWARD LAWRENCE LOGAN INTL, BOSTON, MA

LOST COMMUNICATIONS PROCEDURE:

REMARKS:

ENVIRONMENTAL REVIEW IAW 1050.1E ON FILE AT ATC FACILITY.
 MOCA'S NOT DEPICTED AT ATC REQUEST.

ADDITIONAL FLIGHT DATA:

- CHART AT JOBEE TERMINUS: LDG RWYS 4L/R
- CHART AT SCITU TERMINUS: LDG RWYS 32, 33L
- CHART AT AYBEE TERMINUS: LDG RWY 27
- CHART AT HNOVR TERMINUS: LDG RWY 15R
- CHART AT LEEZI TERMINUS: LDG RWYS 22L/R
- DME/DME ASSESSMENT: SAT (RNP 2.0).
- REFERENCE MAGNETIC VARIATION = KBOS 16W/1995



SHFTY TWO ARRIVAL (RNAV)

FORT MYERS, FLORIDA

FORT MYERS APP CON ★
 126.8 343.75
 PAGE FIELD ATIS
 123.725
 SOUTHWEST FLORIDA INTL ATIS ★
 124.65

ALMA TRANSITION (AMG.SHFTY2):
DUNKN TRANSITION (DUNKN.SHFTY2):
HIBAC TRANSITION (HIBAC.SHFTY2):

From over SHFTY via 183° track to WRTRS, then via 161° track to MAZZY, then via 161° track to MOEMO, then via 160° track to LBV VORTAC, thence....

Landing RSW Rwy 6 and FMY: From over LBV VORTAC via 186° track to IRNIE, then via 238° track to WYCOF, then via 238° track to PONTY, then via 240° heading. Expect radar vectors.

Landing RSW Rwy 24: From over LBV VORTAC via 228° heading. Expect radar vectors.

Landing APF: From over LBV VORTAC via 186° track to IRNIE, then via 186° track to KOICHE, then via 203° track to COGDL, then via 229° track to TIOFF, then via 230° heading. Expect radar vectors.

Landing MKY: From over LBV VORTAC via 186° track to IRNIE, then via 186° track to KOICHE, then via 203° track to COGDL, then via 200° heading. Expect radar vectors.

PROTOTYPE-NOT FOR NAVIGATION

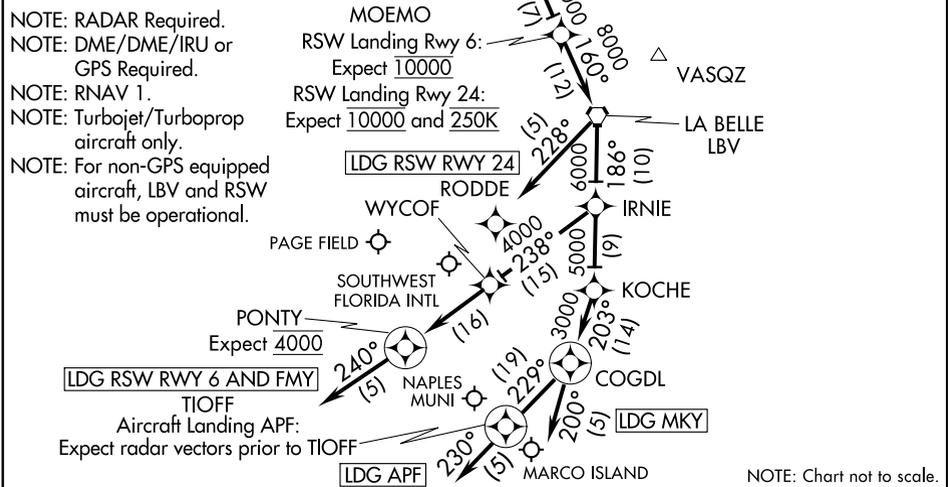
NOTE: RADAR Required.

NOTE: DME/DME/IRU or GPS Required.

NOTE: RNAV 1.

NOTE: Turbojet/Turboprop aircraft only.

NOTE: For non-GPS equipped aircraft, LBV and RSW must be operational.



MOEMO
 RSW Landing Rwy 6:
 Expect 10000
 RSW Landing Rwy 24:
 Expect 10000 and 250K
LDG RSW RWY 24
 RODDE
 WYCOF
 PAGE FIELD

LDG RSW RWY 6 AND FMY
 TIOFF
 Aircraft Landing APF:
 Expect radar vectors prior to TIOFF
LDG APF

LDG MKY

NOTE: Chart not to scale.

SHFTY TWO ARRIVAL (RNAV)

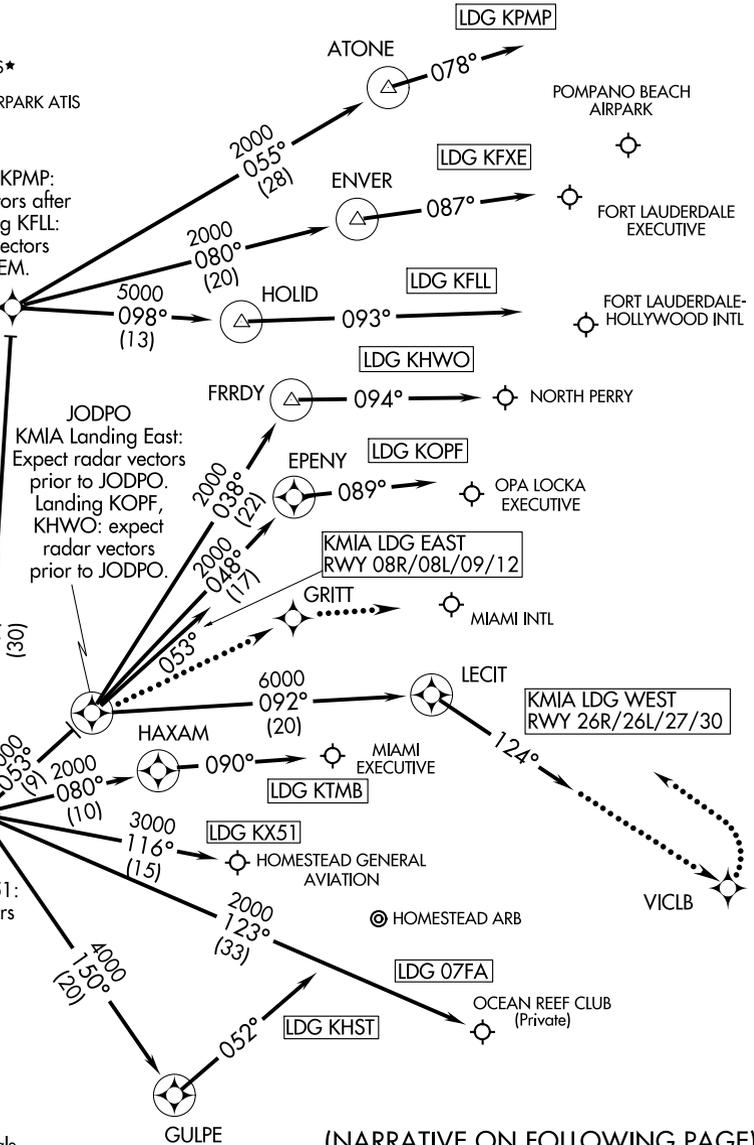
FORT MYERS, FLORIDA

CURSO THREE ARRIVAL (RNAV) (Arrival Routes)

PROTOTYPE-NOT FOR NAVIGATION

MIAMI APP CON
 124.85 322.3
 MIAMI INTL ATIS
 119.15
 FORT LAUDERDALE-HOLLYWOOD INTL ATIS
 135.0
 FORT LAUDERDALE EXECUTIVE ATIS
 119.85
 MIAMI EXECUTIVE ATIS
 124.0
 NORTH PERRY ATIS
 135.475
 OPA LOCKA ATIS
 125.9
 HOMESTEAD ARB ATIS*
 132.275 269.9
 POMPANO BEACH AIRPARK ATIS
 120.55

JAREM
 Landing KFXE, KPMP:
 Expect radar vectors after
 JAREM. Landing KFLL:
 Expect radar vectors
 prior to JAREM.



NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)