

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or feet RVR.

<u>AIRPORT ID</u> BWI	<u>PROCEDURE NAME</u> ILS OR LOC RWY 15R	<u>ORIGINAL/AMENDMENT</u> 17	<u>CITY</u> BALTIMORE	<u>STATE</u> MD
<u>AIRPORT ELEVATION</u> 143	<u>TDZE</u> 138	<u>SUPERSEDED</u> ILS OR LOC RWY 15R	<u>ORIGINAL/AMENDMENT</u> 16A	<u>DATED</u> 09/08/2022
<u>FACILITY</u> I-FND	<u>COORDINATES OF FACILITIES</u> 390939.09N/0763933.46W	<u>ACTUAL EFFECTIVE DATE</u> 5 SEPTEMBER 2024	<u>REQUIRED EFFECTIVE DATE</u> 09/05/2024	<u>MAG VAR</u> 11W
				<u>EPOCH YEAR</u> 2000
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
HUEYP	IAF	XPRTO/BAL 12.23 DME/RADAR		TF	FB	1.00	245.18	5.53	3600
ZARTZ	IAF	XPRTO/BAL 12.23 DME/RADAR		TF	FB	1.00	065.06	5.53	3600
KYYLO/BAL 17.45 DME/RADAR	IAF	BMORE/BAL 14.47 DME/RADAR					155.20 (I-FND)	2.98	4000
BMORE/BAL 14.47 DME/RADAR	IAF	XPRTO/BAL 12.23 DME/RADAR					155.20 (I-FND)	2.24	3600
XPRTO/BAL 12.23 DME/RADAR		KAHNN/BAL 10.07 DME/RADAR					155.20 (I-FND)	2.16	3000
KAHNN/BAL 10.07 DME/RADAR	IF	KEVVN/BAL 6.89 DME/RADAR	PFAF				155.20 (I-FND)	3.18	2000

MISSED APPROACH

MAP:

ILS: DA
LOC: 5.67 NM AFTER KEVVN/BAL 6.89 DME/RADAR OR AT BAL 1.24 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2500 ON BAL VORTAC R-156 TO JANNS/BAL 13.0 DME/RADAR AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT KAHNN/BAL 10.07 DME/RADAR
- FAC: 155.20 FAF: KEVVN/BAL 6.89 DME/RADAR DIST FAF TO MAP: 5.67 DIST FAF TO THLD: 5.67
- MIN ALT: KAHNN/BAL 10.07 DME/RADAR 3000, KEVVN/BAL 6.89 DME/RADAR 2000, TATTO/BAL 4.00 DME/RADAR 1080
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: 1112
- MIN GS INCPT: 2000 GS ALT AT PFAF: KEVVN/BAL 6.89 DME/RADAR 2000 OM: MM: IM:
- GS ANGLE: 3.00 34:1 20:1 TCH: 55.7
- MSA FROM: BAL VORTAC 180-270 2200, 270-180 2600



PBN REQUIREMENTS NOTE:
RNP APCH-GPS. FROM HUEYP OR ZARTZ.

EQUIPMENT REQUIREMENTS NOTES:
DME OR RADAR REQUIRED.
RADAR REQUIRED FOR PROCEDURE ENTRY AT KYILO OR BMORE.

NOTES:
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 15L.
CHART NOTE: * RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: DME FROM BAL VORTAC.

CHART NOTE: FOR INOPERATIVE ALS, INCREASE LOC CAT C/D VISIBILITY TO 1 3/8 SM.
CHART SPEED ICON IN PLANVIEW AT HUEYP: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT ZARTZ: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT XPRT0: MAX 200 KIAS.

ADDITIONAL FLIGHT DATA:
HOLD SE, LT, 336.46 INBOUND.
CHART FAS OBST: 373 TREE (24-031401) 391306N/0764320W.
CHART VDP AT 2.57 DME.
DISTANCE VDP TO THLD 1.34 NM.
CHART MANDATORY 5000 AT HUEYP.
CHART MANDATORY 4000 AT ZARTZ.
CHART AT OR ABOVE 4000 AT KYILO.
CHART CIRCLING ICON.

MINIMUMS:
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ ILS: STANDARD; LOC: STANDARD - CAT D 800-2 1/4

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
S-ILS 15R*	338	2400	200	338	2400	200	338	2400	200	338	2400	200			
S-LOC 15R	640	2400	502	640	2400	502	640	5500	502	640	5500	502			
CIRCLING	640	1	497	660	1	517	700	1 1/2	557	880	2 1/4	737			



CHANGES - REASONS

1. CHANGES FROM P-NOTAMS FOR AMENDMENT 16A INCORPORATED INTO FORM - IAW 8260.19I 8-3-4C(3).
2. TERMINAL ROUTES: REMOVED "EMI VORTAC TO BMORE" AND "BMORE TO KEVVN" – PROCEDURE REDESIGNED FOR NOISE ABATEMENT.
3. TERMINAL ROUTES: ADDED "KYYLO TO BMORE", "BMORE TO XPRTO", "HUEYP TO XPRTO", "ZARTZ TO XPRTO", "XPRTO TO KAHNN" AND "KAHNN TO KEVVN" - PROCEDURE REDESIGNED FOR NOISE ABATEMENT.
4. MISSED APPROACH: CHANGED MAP: LOC: FROM "5.99 MILES AFTER KEVVN/BAL 7.20 DME/RADAR OR AT BAL 1.24 DME FIX" TO "5.67 NM AFTER KEVVN/BAL 6.89 DME/RADAR OR AT BAL 1.24 DME" - UPDATED FAF LOCATION FOR NOISE ABATEMENT.
5. MISSED APPROACH INSTRUCTIONS: CHANGED FROM "CLIMB TO 900 THEN CLIMBING RIGHT TURN TO 2600 ON BAL VORTAC R-294 TO DATED INT/BAL 14.92 DME AND HOLD, OR AS DIRECTED BY ATC" TO "CLIMB TO 2500 ON BAL VORTAC R-156 TO JANNS/BAL 13.0 DME/RADAR AND HOLD" - PROCEDURE REDESIGNED FOR NOISE ABATEMENT.
6. ALTERNATE MISSED APPROACH INSTRUCTIONS: REMOVED – IAW 8260.19I 8-6-6H(1).
7. PROFILE LINE 2: PROFILE STARTS AT CHANGED FROM "BMORE/BAL 13.80 DME/RADAR" TO "KAHNN/BAL 10.07 DME/RADAR" - IAW 8260.19I 8-6-7B(3)(A).
8. PROFILE LINE 3: CHANGED FAF FROM "KEVVN/BAL 7.20 DME/RADAR" TO "KEVVN/BAL 6.89 DME/RADAR", DIST FAF TO MAP FROM "5.99" TO "5.67" AND DIST FAF TO THLD FROM "5.99" TO "5.67" - FIX KEVVN RELOCATED.
9. PROFILE LINE 4: CHANGED FROM "BMORE 2500, KEVVN 2100, TATTO/BAL 3.97 DME 1080*" TO "KAHNN/BAL 10.07 DME/RADAR 3000, KEVVN/BAL 6.89 DME/RADAR 2000, TATTO/BAL 4.00 DME/RADAR 1080" - IAW 8260.19I 8-6-7D.
10. PROFILE LINE 5: CHANGED GS ANT: FROM "1113" TO "1112" – NEW AIRNAV DATA.
11. PROFILE LINE 6: CHANGED MIN GP INCPT FROM "2100" TO "2000" AND GP ALT AT PFAF FROM "KEVVN 2100" TO "KEVVN/BAL 6.89 DME/RADAR 2000" – FIX KEVVN MOVED 0.31 NM SOUTHEAST AND ALTITUDE CHANGED TO KEEP 3.00 GLIDESLOPE.
12. PBN REQUIREMENTS NOTE: ADDED "RNP APCH-GPS. FROM HUEYP OR ZARTZ" - IAW 8260.19I 8-6-8.
13. EQUIPMENT REQUIREMENT NOTES: ADDED "RADAR REQUIRED FOR PROCEDURE ENTRY AT KYYLO OR BMORE" - IAW 8260.19I 8-6-8.
14. EQUIPMENT REQUIREMENT NOTES: ADDED "DME OR RADAR REQUIRED" AND REMOVED FROM NOTES SECTION - IAW 8260.19I 8-6-8.
15. NOTES: CHANGED CHART NOTE: FROM "***RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA" TO " *RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA" – IAW 8260.19I, 8-6-11.K(1).
16. NOTES: REMOVED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON EMI VORTAC AIRWAY RADIALS 151 CW 187" – EMI VORTAC NO LONGER USED ON APPROACH.
17. NOTES: REMOVED "**LOC ONLY" – NO LONGER REQUIRED.
18. NOTES: ADDED "CHART SPEED ICON IN PLANVIEW AT HUEYP: MAX 210 KIAS", "CHART SPEED ICON IN PLANVIEW AT ZARTZ: MAX 210 KIAS" AND "CHART SPEED ICON IN PLANVIEW AT XPRTO: MAX 200 KIAS" - TO MEET LEG LENGTH REQUIREMENTS, IAW 8260.19I 8-6-9.
19. NOTES: ADDED "CHART NOTE: FOR INOPERATIVE ALS, INCREASE LOC CAT C/D VISIBILITY TO 1 3/8 SM" - IAW 8260.19I 8-6-11.
20. NOTES: ADDED "CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" - IAW 8260.19I 8-6-10M(1).
21. ADDITIONAL FLIGHT DATA: CHANGED FROM "HOLD N, RT, 186.99 INBOUND" TO "HOLD SE, LT, 336.46 INBOUND" – NEW PRIMARY MISSED APPROACH HOLD.
22. ADDITIONAL FLIGHT DATA: REMOVED "CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD S DATED INT/DCA 22.33 DME, RT, 016.67 INBOUND" - ALTERNATED MISSED REMOVED PER FPT.
23. ADDITIONAL FLIGHT DATA: CHART FAS OBST: CHANGED FROM "290 TREE 391215N/0764208W" TO "373 TREE (24-031401) 391306N/0764320W" – NEW CONTROLLING OBSTACLE.
24. ADDITIONAL FLIGHT DATA: REMOVED "CHART 373 TREE 391306N0764320W" AND "CHART 1437 TOWER 391642N/0764503W" - NEW CONTROLLING OBSTACLE.
25. ADDITIONAL FLIGHT DATA: ADDED "CHART VDP AT 2.57 DME" AND "DISTANCE VDP TO THLD 1.34 NM" - IAW 8260.3E 2-6-5.
26. ADDITIONAL FLIGHT DATA: ADDED "CHART MANDATORY 5000 AT HUEYP", "CHART MANDATORY 4000 AT ZARTZ" AND "CHART AT OR ABOVE 4000 AT KYYLO" - IAW 8260.3E 2-2-7F(1).
27. MINIMUMS: CHANGED FINAL TYPE FROM "S-ILS 15R*" TO "S-ILS 15R" – NO LONGER NEED DOUBLE ASTERISK.
28. MINIMUMS: UPDATED S-LOC 15R MDA/HAT ALL CATS FROM "4540/402" TO "640/502" – NEW CONTROLLING OBSTACLE.
29. MINIMUMS: UPDATED S-LOC 15R VISIBILITY CATS C/D FROM "4000" TO "5500" – IAW 8260.3E TABLE 3-3-1.

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZDC, POTOMAC APP CON, BWI ATCT, AMGR.

FLIGHT CHECKED BY

Digitally signed by
ERIC N SUSKI

OFFICE

DATE

PENDING

Jul 25, 2024

DEVELOPED BY

ERIC N SUSKI (EMMANUEL R. GONZALES)

Digitally signed by
ERIC N SUSKI

OFFICE

AJV-A431

DATE

02/08/2024

Jul 25, 2024

APPROVED BY

ERIC N SUSKI

Digitally signed by
ERIC N SUSKI

OFFICE

AJV-A431

DATE

TITLE
MANAGER

Jul 25, 2024

