

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 10 ILS RWY 10 (SA CAT I) ILS RWY 10 (CAT II) ILS RWY 10 (CAT III)	<u>ORIGINAL/AMENDMENT</u> 22	<u>CITY</u> BALTIMORE	<u>STATE</u> MD		
<u>AIRPORT ELEVATION</u> 143	<u>TDZE</u> 143	<u>SUPERSEDED</u> ILS OR LOC RWY 10 ILS RWY 10 (SA CAT I) ILS RWY 10 (CAT II) ILS RWY 10 (CAT III)	<u>ORIGINAL/AMENDMENT</u> 21D	<u>DATED</u> 09/08/2022	<u>MAG VAR</u> 11W	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> I-BAL	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 5 SEPTEMBER 2024	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<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>
REMMY/BAL 17.41 DME/RADAR	IAF	COLUM/BAL 11.53 DME/RADAR					105.20	5.88 (I-BAL)	3000
COLUM/BAL 11.53 DME/RADAR	IAF	EFFYS/BAL 8.34 DME/RADAR					105.20	3.19 (I-BAL)	2300
EFFYS/BAL 8.34 DME/RADAR	IF	JEANS/BAL 5.34 DME/RADAR					105.20	3.00 (I-BAL)	1500

MISSED APPROACH

MAP:

ILS: DA
LOC: 4.09 NM AFTER JEANS/BAL 5.34 DME/RADAR OR AT BAL 1.25 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2500 ON BAL VORTAC R-105 TO HURTZ/BAL 12.27 DME/RADAR AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 600 THEN CLIMBING LEFT TURN TO 2600 DIRECT EMI VORTAC AND HOLD.

PROFILE:

- PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
- PROFILE STARTS AT EFFYS/BAL 8.34 DME/RADAR
- FAC:** 105.20 **FAF:** JEANS/BAL 5.34 DME/RADAR **DIST FAF TO MAP:** 4.09 **DIST FAF TO THLD:** 4.09
- MIN ALT:** EFFYS/BAL 8.34 DME/RADAR 2300, JEANS/BAL 5.34 DME/RADAR 1500, KHORT/BAL VORTAC 3.33 DME/RADAR 860
- DIST TO THLD FROM OM:** **MM:** **IM:** **100 HAT:** 893.00 **150 HAT:** 1845 **GS ANT:** 1014
- MIN GS INCPT:** 1500 **GS ALT AT PFAF:** JEANS/BAL 5.34 DME/RADAR 1500 **OM:** **MM:** **IM:**
- GS ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 54.8
- MSA FROM:** BAL VORTAC 180-270 2200, 270-180 2600



EQUIPMENT REQUIREMENTS NOTES:

RADAR REQUIRED FOR PROCEDURE ENTRY.
DME OR RADAR REQUIRED.

NOTES:

SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 10: CAT A, B, C, D, RA 188, RVR 1400, HAT 150, DA 293 MSL
CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 10: CAT A, B, C, D, RA 105, RVR 1200, HAT 100, DA 243 MSL
CAT III ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 10: CAT A, B, C, D, RVR 600
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL.

ADDITIONAL FLIGHT DATA:

CHART R-4001B.

HOLD E, RT, 284.64 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SE EMI VORTAC, LT, 307.00 INBOUND.
CHART FAS OBST: 305 TREE (24-029419) 391022N/0764427W.
CHART IN PLANVIEW: EMI VORTAC.
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 10	343	1800	200	343	1800	200	343	1800	200	343	1800	200			
S-LOC 10	580	2400	437	580	2400	437	580	4000	437	580	4000	437			
CIRCLING	640	1	497	660	1	517	700	1 1/2	557	880	2 1/4	737			

CHANGES - REASONS

1. TERMINAL ROUTES: ADDED IAF REMMY-COLUM/IAF COLUM-EFFYS/IF EFFYS-JEANS. - PROCEDURE REDESIGN FOR NOISE ABATEMENT.
2. ALT MA INSTRUCTIONS: CHANGED FROM "CLIMB TO 600 THEN CLIMBING LEFT TURN TO 2600 HEADING 360 AND EMI VORTAC R-127 TO EMI VORTAC AND HOLD" TO "CLIMB TO 600 THEN CLIMBING LEFT TURN TO 2600 DIRECT EMI VORTAC AND HOLD". - PROCEDURE REDESIGN FOR NOISE ABATEMENT.
3. PROFILE LINE 2: CHANGED FROM COLUM/BAL 11.35 DME/RADAR TO EFFYS/BAL 8.34 DME/RADAR. - PROCEDURE REDESIGN FOR NOISE ABATEMENT.
4. PROFILE LINE 4: REMOVED COLUM, ADDED EFFEYS, AND CHANGED KHORT DME FROM 3.35 TO 3.33. - PROCEDURE REDESIGN FOR NOISE ABATEMENT.
5. PROFILE LINE 5: CHANGED100 HAT: FROM 855 TO 893 AND ADDED 150 HAT: 1845. - NEW EVAL COMPLETED AND IAW 8260.19I 8-6-7.
6. PROFILE LINE 7: CHANGED TCH FROM 55.0 TO 54.8. - REFLECT ILS OR LOC RWY 10 DESIGN TCH.
7. PROFILE LINE 8: CHANGED 180-270 FROM 2100 TO 2200. - NEW EVAL COMPLETED WITH NEW OBST.
8. NOTES: CHANGED SA CAT I NOTE FROM "RA 191, RVR 1400, HAT 150, DA 293 MSL" TO "RA 188, RVR 1400, HAT 150, DA 293 MSL" AND CHANGED CAT II NOTE FROM "RA 102, RVR 1200, HAT 100, DA 243 MSL" TO "RA 105, RVR 1200, HAT 100, DA 243 MSL". - NEW EVAL COMPLETED IN TARGETS.
9. ADDITIONAL FLIGHT DATA: CHANGED ALT MA FROM "HOLDING, HOLD S EMI VORTAC, LT, 359.00 INBOUND" TO "HOLD SE EMI VORTAC, LT, 307.00 INBOUND". - OLD INBOUND COURSE WAS DETERMINED UNRELIABLE BY FI.
10. ADDITIONAL FLIGHT DATA: ADDED (24-029419) FAS OBST. - UPDATED OBST INFO.
11. ADDITIONAL FLIGHT DATA: ADDED CHART R-4001B. - PRIMARY MA HOLDING OVERLAPS AREA.
12. MINIMUMS: CHANGED CIRCLING CAT D FROM 860/717 TO 880/737. - NEW EVAL COMPLETED WITH NEW OBST.



COORDINATED WITH:

A4A

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ALPA

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AOPA

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APA

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HAI

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NBAA

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OTHER: ZDC, POTOMAC APP CON, BWI ATCT, AMGR

FLIGHT CHECKED BY

MICHAEL G CAMPBELL

Digitally signed by

ERIC N SUSKI

Jun 27, 2024

OFFICE

FPO

DATE

06/11/2024

DEVELOPED BY

ERIC N SUSKI (ANDRE TUCKER)

Digitally signed by

ERIC N SUSKI

Apr 29, 2024

OFFICE

AJV-A431

DATE

01/26/2024

APPROVED BY

ERIC N SUSKI

Digitally signed by

ERIC N SUSKI

Apr 29, 2024

OFFICE

AJV-A430

DATE

09/05/2024

TITLE

MANAGER

