

**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> SBY	<u>PROCEDURE NAME</u> ILS OR LOC RWY 32	<u>ORIGINAL/AMENDMENT</u> 9	<u>CITY</u> SALISBURY	<u>STATE</u> MD
<u>AIRPORT ELEVATION</u> 53	<u>TDZE</u> 53	<u>SUPERSEDED</u> ILS OR LOC RWY 32	<u>ORIGINAL/AMENDMENT</u> 8A	<u>DATED</u> 03/25/2021
<u>FACILITY</u> I-SBY	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 12W
				<u>EPOCH YEAR</u> 2000
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
BEEEG/SBY TACAN 9.55 DME	IF/IAF	COLBE/SBY TACAN 5.79 DME					318.68 (I-SBY)	3.76	1700

MISSED APPROACH

MAP:

ILS: DA
LOC: SBY 0.80 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 700 THEN CLIMBING RIGHT TURN TO 3000 DIRECT ATR VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF (IAF)	
2. HOLD SE BEEEG/SBY TACAN 9.55 DME, RT, 318.68 INBOUND, 2000 FT. IN LIEU OF PT (IF/IAF), MAX 4500.					
3. FAC: 318.68	FAF: COLBE/SBY TACAN 5.79 DME			DIST FAF TO MAP:	DIST FAF TO THLD: 5.00
4. MIN ALT: COLBE/SBY TACAN 5.79 DME 1700					
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	GS ANT: 1050	
6. MIN GS INCPT: 1700	GS ALT AT PFAF: COLBE/SBY TACAN 5.79 DME 1700			OM:	MM: IM:
7. GS ANGLE: 3.00	34:1:	20:1:	TCH: 54.0		
8. MSA FROM: ARP KSBY 2100					

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 32 CAT C AND D VISIBILITY TO 1 3/8 SM.

CHART NOTE: SIMULTANEOUS RECEPTION OF I-SBY LOC AND SBY DME REQUIRED.

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 212.98 INBOUND.
FAS OBST: 253 AAO 381757N/0752515W.
CHART VDP AT 2.08 DME.
DISTANCE VDP TO THLD 1.29 NM.



MINIMUMS:**TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT****ALTERNATE:** NA ☐ ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.; LOC: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

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 32	253	1/2	200	253	1/2	200	253	1/2	200	253	1/2	200			
S-LOC 32	520	1/2	467	520	1/2	467	520	1	467	520	1	467			
CIRCLING	520	1	467	520	1	467	560	1 1/2	507	700	2	647			

CHANGES - REASONS

1. REMOVED FEEDER FROM SBY VORTAC. – SBY VOR DECOMMISSIONING.
2. REMOVED INITIAL FROM SWL VORTAC. – SWL VOR DECOMMISSIONING.
3. INCREASED S-LOC 32 MDA/HAT FROM 420/367 TO 520/467; VISIBILITY CAT C FROM 1/2 TO 1 SM, CAT D FROM 3/4 TO 1 SM. – NEW CONTROLLING OBSTACLE.
4. INCREASED CIRCLING CAT A MDA/HAT FROM 480/427 TO 520/467. - CAN NOT BE LOWER THAN THE HIGHEST STRAIGHT-IN MDA.
5. UPDATED INTERMEDIATE FRYER INT/SBY 12.74 - COLBE INT/SBY VORTAC 6.64 DME TO BEEEG/SBY TACAN 5.79 DME - COLBE/SBY TACAN 5.79 DME; COURSE/DISTANCE FROM 318.69/6.10 TO 318.68/3.76. – BEEEG REPLACING FRYER AS PART OF V139 AIRSPACE REDESIGN; FIX COLBE MOVED PER FPT REQUEST.
6. UPDATED MAP: LOC FROM “5.85 MILES AFTER COLBE INT/SBY 6.64 DME OR AT SBY VORTAC 0.80 DME FIX” TO “SBY 0.80 DME.” - SBY VOR DECOMMISSIONING.
7. UPDATED MISSED APPROACH INSTRUCTIONS FROM “CLIMB TO 700 THEN CLIMBING RIGHT TURN TO 2000 ON HEADING 170 AND ON SBY VORTAC R-140 TO COLBE INT/SBY VORTAC 6.64 DME AND HOLD” TO “CLIMB TO 700 THEN CLIMBING RIGHT TURN TO 3000 DIRECT ATR VOR/DME AND HOLD.” - SBY VOR DECOMMISSIONING; FPT REQUEST.
8. REMOVED ALTERNATE MISSED APPROACH INSTRUCTIONS. – SBY VOR DECOMMISSIONED; NO SUITABLE GROUND BASED ALTERNATE AVAILABLE.
9. LINE 2: UPDATED FROM “HOLD SE COLBE, LT, 318.69 INBOUND, 2000 FT. IN LIEU OF PT (IAF)” TO “HOLD SE BEEEG/SBY TACAN 9.55 DME, RT, 318.68 INBOUND, 2000 FT. IN LIEU OF PT (IF/IAF), MAX 4500.” – HOLD-IN-LIEU MOVED TO BEEEG PER FPT REQUEST.
10. LINE 3: UPDATED FAC FROM 318.69 TO 318.68; FAF FROM COLBE INT/SBY VORTAC 6.64 DME TO COLBE/SBY TACAN 5.79 DME; DELETED DIST FAF TO MAP; CHANGED DIST FAF TO THLD FROM 5.58 TO 5.00. - SBY VOR DECOMMISSIONING; FIX COLBE MOVED PER FPT REQUEST; TIME/DISTANCE TABLE NOT REQUIRED.
11. LINE 4: UPDATED FROM “COLBE 2000” TO “COLBE/SBY TACAN 5.79 DME 1700.” – ALTITUDE PER FPT REQUEST; IAW 8260.19J 8-2-6.
12. LINE 6: UPDATED MIN GS ALT FROM 2000 TO 1700; GS ALT AT PFAF FROM “COLBE INT/SBY VORTAC 6.64 DME” TO “COLBE/SBY TACAN 5.79 DME 1700.” - ALTITUDE PER FPT REQUEST; SBY VOR DECOMMISSIONED.
13. LINE 7: UPDATED TCH FROM 53.9 TO 54.0. – TO MATCH DESIGN TCH.
14. LINE 8: UPDATED MSA FROM “SBY VORTAC 270-360 2100, 360-270 1700” TO “ARP KRSW 2100.” - SBY VOR DECOMMISSIONED; NEAREST OMNI-DIRECTIONAL NAVIAD GREATER THAN 25NM AWAY.
15. ADDED EQUIPMENT REQUIREMENTS NOTES: DME REQUIRED. - IAW 8260.19J 8-6-9 2(A).
16. REMOVED CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SE COLBE INT/SBY VORTAC 6.64 DME, LT 319.69 INBOUND. – ALTERNATE MISSED APPROACH REMOVED.
17. UPDATED FROM CHART FAS OBST: 153 TREE 381953N/0752946W TO FAS OBST: 253 AAO 381757N/0752515W. – NEW LOCALIZER CONTROLLING OBSTACLE.
18. UPDATED FROM "CHART VDP AT 1.77 DME*; DISTANCE VDP TO THLD 0.98 MILES. *LOC ONLY" TO "CHART VDP AT 2.08 DME. DISTANCE VDP TO THLD 1.29 NM." - S-LOC 32 MDA INCREASED; *LOC ONLY NOT REQUIRED.
19. REMOVED CHART NOTE: ALTERNATE ALTIMETER. – MOVED TO 8260-9 PART C – REMARKS FOR CONTINGENCY USE.
20. REMOVED CHART PLANVIEW: PROCEDURE NA FOR ARRIVALS AT SWL VORTAC ON V139 SOUTHWEST BOUND. – INITIAL REMOVED.
21. ADDED CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 32 CAT C AND D VISIBILITY TO 1 3/8 SM. - NEW EVALUATION COMPLETED; IAW INOPERATIVE COMPONENTS AND VISUAL AIDS TABLE.

5/28/2025: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 1/6/2025.

ADDED CHART NOTE: SIMULTANEOUS RECEPTION OF I-SBY LOC AND SBY DME REQUIRED.



COORDINATED WITH:

A4A

X

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER: AMGR, ZDC, NHK APP CON, SBY ATCT

FLIGHT CHECKED BY

JEREMY R VIRTIS

Digitally signed by

CASIMIR L TABAKA

May 28, 2025

OFFICE

AJF

DATE

05/23/2025

DEVELOPED BY

CASIMIR L. TABAKA (BARBARA GORMAN)

Digitally signed by

CASIMIR L TABAKA

Apr 01, 2025

OFFICE

AJV-A432

DATE

01/06/2025

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by

CASIMIR L TABAKA

Apr 01, 2025

OFFICE

AJV-A430

DATE

TITLE

MANAGER



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
SBY	ILS OR LOC RWY 32	9	SALISBURY	MD	53	I-SBY

PART A: OBSTRUCTION DATA SEGMENTS

INTERMEDIATE

FROM BEEEG/SBY TACAN 9.55 DME (IF/IAF) **TO** COLBE/SBY TACAN 5.79 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>			<u>HMAS</u>		
	3.76										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	381430.00N/0752424.00W	260	215	8	4B	500				AT940	1700
TERRAIN	381430.00N/0752424.00W	59 (100)								AS1500	1600

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: ILS

FROM COLBE/SBY TACAN 5.79 DME **TO** RW32

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
	5.00		DA				200				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				253

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

QUALITY
10
CHECKED

FINAL: LOC

FROM

COLBE/SBY TACAN 5.79 DME

TO

SBY 0.80 DME

RNP	DISTANCE	PAT	MAP		HAT		HMAS				
	5.00		SBY 0.80 DME		467						
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	381757.00N/0752515.00W	253	215	8	4B	250					520

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

HOLD-IN-LIEU OF PT

FROM

BEEEG/SBY TACAN 9.55 DME

TO

P-4

RNP	DISTANCE	PAT	MAP		HAT		HMAS				
		P-4									
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (24-000896)	381257.55N/0751920.11W	535	500	50	5D	1000				AT465	2000
TERRAIN	381318.00N/0751909.00W	118 (100)								AS1500	1600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSSED APPROACH: ILS

FROM

DA

TO

ATR VOR/DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
										85	
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				2000
TOWER (10-000108)	383128.80N/0751752.65W	559	250	50	4D	1000					1600
TERRAIN	384206.00N/0750515.00W	265 (300)								AS1500	1800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSSED APPROACH: LOC

FROM

SBY 0.80 DME

TO

ATR VOR/DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 270			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				2000
TOWER (10-000108)	383128.80N/0751752.65W	559	250	50	4D	1000					1600
TERRAIN	384206.00N/0750515.00W	265 (300)								AS1500	1800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☒ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
TREE (24-041220)	382035.59N/0753124.27W	1.30	467	179	20	3	1A	300		SI	520
CATEGORY B											
POLE (24-043407)	382209.92N/0753150.32W	1.81	467	203	20	10	1B	300			520
CATEGORY C											
TOWER (24-000460)	381740.82N/0753009.76W	2.84	507	253	20	3	1A	300			560
CATEGORY D											
TOWER (24-000711)	382127.00N/0752553.00W	3.70	647	348	500	50	5D	300		AC50	700

CIRCLING REMARKS:

MSA

CENTER

ARP KRSW

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (10-020645)	383018.00N/0753836.00W	339	11.7	1048	250	50	4D	1000			2100

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

VEGETATION HEIGHT 100 FEET PER FPT.

CONTINGENCY NOTES:
WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GED ALTIMETER SETTING: INCREASE S-ILS 32 DA TO 305 FEET; INCREASE ALL MDAS 60 FEET AND CIRCLING CAT D VISIBILITY 1/4 SM.
VDP NA WHEN USING GED ALTIMETER SETTING.



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZDC ARTCC, NHK APP CON, DCA FSS, SBY TOWER

<u>WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>
ASOS	SBY	24	SBY	0	Y	0
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>
ASOS	GED	24	GED	22.12	Y	52

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KSBY 53, KGED 50
RA = 51.2.

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
I-SBY	AOCC	24	1

<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW05 - MIRL (PCL), REIL (PCL), PAPI-4L (PCL)	NPI-G	
RW14 - REIL (PCL), HIRL (PCL), PAPI-4L	NPI-G	
RW23 - MIRL (PCL), REIL (PCL), PAPI-4L (PCL)	NPI-G	
RW32 - MALSR (PCL), HIRL (PCL), PAPI-4L	PIR-G	

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u>	<u>TCH</u>
3.00	52.5	54.0	48.4	1050	3.00	54.0

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	☒	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	☒	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS



HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	3.12
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	0.89
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	306.68
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	100
DISTANCE FROM	THLD	TO 1500FT POINT	4.80
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.26
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	306.68
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	100

THRESHOLD COORDINATES (IF STR-IN)	382007.89N/0752955.64W
ARP COORDINATES	382024.68N/0753034.12W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 32 DISTANCE 0.58 NM
FAF COORDINATES	381708.24N/0752449.84W
FIX NAME COORDINATES	IF/IAF BEEEG 381452.99N/0752100.15W

REMARKS

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
CASIMIR L. TABAKA (BARBARA GORMAN)	AJV-A432	01/06/2025	AERONAUTICAL INFORMATION SPECIALIST

