

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
VOR STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.23**

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>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>	
N51	VOR RWY 4	2	READINGTON	NJ	
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
190	190	VOR RWY 4	07/15/2021	10W	1965
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>	
SBJ		30 NOVEMBER 2023	11/30/2023		

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>
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MISSED APPROACH

MAP:

SBJ VOR/DME

MISSED APPROACH INSTRUCTIONS:

CLIMBING RIGHT TURN TO 2100 DIRECT SBJ VOR/DME, CONTINUE CLIMB-IN-HOLD TO 2100.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT** L **SIDE OF COURSE** 195.88 **OUTBOUND** 1900 **FT WITHIN** 10 **MILES OF** SBJ VOR/DME (IAF)
-
- FAC:** 015.88 **FAF:** **DIST FAF TO MAP:** **DIST FAF TO THLD:**
- MIN ALT:** APEGE/SBJ 3.49 DME 1200*
- MSA FROM:** SBJ VOR/DME 090-270 2200, 270-090 2900

NOTES:

CHART NOTE: RWY 4 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: VDP NA WITH NEWARK LIBERTY INTL ALTIMETER SETTING.
CHART PROFILE NOTE: *1300 WHEN USING NEWARK LIBERTY INTL ALTIMETER SETTING.
CHART NOTE: CIRCLING NA TO RWYS 10-28 AND 13-31.
CHART NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NEWARK LIBERTY INTL ALTIMETER SETTING AND INCREASE ALL MDAS 100 FEET AND S-04 VISIBILITY CAT B 1/4SM AND CIRCLING CAT B 1/4 SM.

ADDITIONAL FLIGHT DATA:

CHART 2100 PRIOR TO SBJ VOR/DME IN PROFILE.
CHART KSMQ IN PLAN AND PROFILE VIEWS.
APEGE TO RW04: 3.00/41
HOLD S, RT, 015.88 INBOUND.
FAS OBST: 400 AAO 403142N/0744650W.
CHART VDP AT 2.34 DME.
DISTANCE VDP TO THLD 1.90 NM.
FAC CROSSES RWY C/L EXTENDED 2292 FT FROM THLD.



MINIMUMS:**TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT****ALTERNATE:** NA ☒

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-04	1200	1 1/4	1010	1200	1 1/2	1010		NA			NA				
CIRCLING	1200	1 1/4	1010	1200	1 1/2	1010		NA			NA				
APEGE DME MINIMUMS															
S-04	840	1	650	840	1	650		NA			NA				
CIRCLING	840	1	650	840	1	650		NA			NA				

CHANGES - REASONS

1. MISSED APPROACH CHANGED FROM CLIMBING RIGHT TURN TO 2000 IN SBJ VOR/DME HOLDING PATTERN AND HOLD TO CLIMBING RIGHT TURN TO 2100 DIRECT SBJ VOR/DME, CONTINUE CLIMB-IN-HOLD TO 2100. – 8260.19I COMPLIANCE/NEW CONTROLLING OBSTACLE IN MISSED APPROACH HOLDING.
2. PROFILE LINE 4 CHANGED FROM APEGE/SBJ 3.99 DME 1140 * *1240 WHEN USING NEWARK INTL ALTIMETER SETTING TO APEGE/SBJ 3.49 DME 1200* - TURN COMPLETION CHANGED FROM 2000 TO 1900 AND APEGE ALIGNED WITH 3.00 VGSI AND 41 TCH/8260.19I COMPLIANCE.
3. UPDATED CHART NOTE FROM # VDP NA WITH NEWARK LIBERTY INTL ALTIMETER SETTING TO VDP NA WITH NEWARK LIBERTY INTL ALTIMETER SETTING. 8260.19I COMPLIANCE.
4. ADDED CHART PROFILE NOTE: *1300 WHEN USING NEWARK LIBERTY INTL ALTIMETER SETTING. – REMOVED ANNOTATION FROM LINE 4 IN PROFILE SECTION.
5. CHANGED CHART NOTE FROM OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NEWARK ALTIMETER SETTING AND INCREASE ALL MDAS 100 FEET. TO OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NEWARK ALTIMETER SETTING AND INCREASE ALL MDAS 100 FEET AND S-04 VISIBILITY CAT B 1/4 SM AND CIRCLING VISIBILITY CAT B 1/4 SM. – HIGHER MINIMUMS INCREASE VISIBILITY.
6. ADDITIONAL FLIGHT DATA NOTE ADDED CHART 2100 PRIOR TO SBJ VOR/DME IN PROFILE. – CONTROLLING OBSTACLE DRIVING ALTITUDE AT ENTRY.
7. ADDITIONAL FLIGHT DATA ADDED APEGE TO RW04: 3.00/41. - 8260.19I COMPLIANCE.
8. ADDITIONAL FLIGHT DATA FAS OBSTACLE CHANGED FROM : 837 TOWERS 402813/0744335 TO 400 AAO 403142N/0744650W. – NEW MAP STUDY AND TARGETS EVALUATION.
9. ADDITIONAL FLIGHT DATA CHANGED FROM CHART IN PLANVIEW: SOMERSET AIRPORT (SMQ) TO CHART KSPQ IN PLAN AND PROFILE VIEWS. - 8260.19I COMPLIANCE.
10. ADDITIONAL FLIGHT DATA CHANGED FROM #CHART VDP AT 1.78 DME TO CHART VDP AT 2.34 DME. – MINIMUMS CHANGED..
11. ADDITIONAL FLIGHT DATA CHANGED FROM DISTANCE VDP TO THLD 1 .46 NM TO DISTANCE VDP TO THLD 1.90 NM. – VDP MOVED WITH HIGHER MINIMUMS.
12. ADDITIONAL FLIGHT DATA CHANGED FROM FAC CROSSES RWY C/L EXTENDED 2999.95 FT FROM THLD. TO FAC CROSSES RWY C/L EXTENDED 2292 FT FROM THLD. – DISPLACED THRESHOLD MOVED.
13. MINIMUMS S-4 CHANGED FROM MDA/HAT 1140/951 TO 1200/1010. – NEW CONTROLLING OBSTACLE TOWER (34-000416).
14. MINIMUMS S-4 CIRCLING MDA/HAA CHANGED FROM 1140/951 TO 1200/1010. – RAISED TO MATCH NEW STRAIGHT IN MINIMUMS.
15. MINIMUMS APEGE DME MINIMUMS CHANGED FROM MDA/HAT/VIS 700/511/1 TO 840/650/1. – OCS MISSED APPROACH OBSTACLE IN THE CLIMB-IN-HOLD EVALUATION CAUSED MINIMUMS TO RAISE.
16. MINIMUMS APEGE DME CIRCLING MINIMUMS CHANGED FROM MDA/HAA/VIS CAT A 700/511/1 CAT B 760/571/1 TO 840/650/1 - RAISED TO MATCH STRAIGHT IN MINIMUMS.

10/18/2023: THIS IS A CORRECTED COPY OF THE FORMS APPROVED ON 10/5/2023.

1. CHANGED OBTAIN LOCAL ALTIMETER SETTING ON CTAF: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NEWARK ALTIMETER SETTING AND INCREASE ALL MDAS 100 FEET AND S-04 VISIBILITY CAT B 1/4SM AND CIRCLING CAT B 1/4 SM. TO OBTAIN LOCAL ALTIMETER SETTING ON CTAF: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NEWARK LIBERTY INTL ALTIMETER SETTING AND INCREASE ALL MDAS 100 FEET AND S-04 VISIBILITY CAT B 1/4SM AND CIRCLING CAT B 1/4 SM.
2. ADDITIONAL FLIGHT DATA CHANGED CHART KSPQ IN PLAN AND PROFILE VIEWS TO CHART KSMQ IN PLAN AND PROFILE VIEWS

QUALITY
16
CHECKED

AIRPORT ID
N51

PROCEDURE NAME
VOR RWY 4

ORIGINAL/AMENDMENT
2

CITY
READINGTON

STATE
NJ

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZNY, NY TRACON, NJ STATE DEPT OF AVIATION, AMGR

FLIGHT CHECKED BY

PENDING

Digitally signed by
CASIMIR L TABAKA
Oct 12, 2023

OFFICE

DATE

DEVELOPED BY
JOHN KEEFER

Digitally signed by
JOHN A KEEFER
Oct 05, 2023

OFFICE
AJV-A432

DATE
08/16/2023

APPROVED BY
CASIMIR L. TABAKA

Digitally signed by
CASIMIR L TABAKA
Oct 05, 2023

OFFICE
AJV-A430

DATE

TITLE
MANAGER

QUALITY
34
CHECKED