

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

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.

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|--|--|---|---|-----------------------------------|
| <u>AIRPORT ID</u> N51 | <u>PROCEDURE NAME</u> RNAV (GPS) RWY 4 | <u>ORIGINAL/AMENDMENT</u> 1 | <u>CITY</u> READINGTON | <u>STATE</u> NJ |
| <u>AIRPORT ELEVATION</u> 190 | <u>TDZE</u> 190 | <u>SUPERSEDED</u> RNAV (GPS) RWY 4 | <u>ORIGINAL/AMENDMENT</u> ORIG-D | <u>DATED</u> 07/15/2021 |
| <u>FACILITY</u> RNAV | <u>COORDINATES OF FACILITIES</u> | <u>ACTUAL EFFECTIVE DATE</u> 30 NOVEMBER 2023 | <u>REQUIRED EFFECTIVE DATE</u> 11/30/2023 | <u>MAG VAR</u> 10W |
| | | | | <u>EPOCH YEAR</u> 1965 |
| | | | | <u>CANCEL/SUSPEND</u> |

TERMINAL ROUTES

| FROM | FIX TYPE | TO | FIX TYPE | LEG TYPE | FO/FB | RNP | COURSE | DISTANCE | ALTITUDE |
|----------|----------|----------|----------|----------|-------|------|--------|----------|----------|
| DIRPE | IAF | MOSSE | | TF | FB | 1.00 | 119.93 | 7.21 | 2600 |
| MOSSE | IF | PAGED | | TF | FB | 1.00 | 039.45 | 4.95 | 1800 |
| PAGED | FAF | RW04 | MAP | TF | FO | 0.30 | 039.45 | 4.93 | |
| RW04 | MAP | 1000 MSL | | CA | | | 039.45 | | 1000 |
| 1000 MSL | | MOSSE | | DF | FO | 1.00 | | | 2600 |

MISSED APPROACH

MAP:

LNAV: RW04

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 2600 DIRECT MOSSE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT MOSSE
- FAC: 039.45 FAF: PAGED DIST FAF TO MAP: 4.93 DIST FAF TO THLD: 4.93
- MIN ALT: MOSSE 2600, PAGED 1800
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: OM: MM: IM:
- MIN GP INCPT: GP ALT AT FAF:
- GP ANGLE: 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH:
- MSA FROM: RW04 2800



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 10-28 AND 13-31.
CHART NOTE: RWY 4 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF, WHEN NOT RECEIVED, USE NEWARK LIBERTY INTL ALTIMETER SETTING AND INCREASE ALL MDAS 100 FEET.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DIRPE ON V403 SOUTHWEST BOUND.
CHART NOTE: VDP NA WHEN USING NEWARK LIBERTY INTL ALTIMETER SETTING.

ADDITIONAL FLIGHT DATA:

PAGED TO RW04: 3.00/41
CHART KSMQ IN PLAN AND PROFILE VIEWS.
HOLD SW, RT, 039.44 INBOUND.
FAS OBST: 400 AAO 403142N/0744650W.
440 AAO 402950N/0744705W.
CHART VDP AT 1.41 NM TO RW04.

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 |
| LNAV MDA | 680 | 1 | 490 | 680 | 1 | 490 | | NA | | | NA | | | | |
| CIRCLING | 680 | 1 | 490 | 760 | 1 | 570 | | NA | | | NA | | | | |

CHANGES - REASONS

1. CHANGED TERMINAL ROUTE MOSSE TO PAGED COURSE/DISTANCE FORM 039.44/5.00 TO 039.45/4.93. - PAGED MOVED TO ALIGN WITH VGSI.
2. ADDED TERMINAL ROUTE FOR CA LEG. - 8260.19I COMPLIANCE.
3. MISSED APPROACH INSTRUCTIONS - CHANGED MOSSE WP TO MOSSE. - NO NEED FOR WP.
4. PROFILE LINE 2 CHANGED FROM PROFILE STARTS AT MOSSE WP TO PROFILE STARTS AT MOSSE. - 8269.19I COMPLIANCE.
5. PROFILE LINE 3 CHANGED FROM FAC: 39.47, FAF: PAGED WP, THLD: 5.00 TO FAC: 039.45, FAF PAGED, DIST FAF TO MAP: 4.93, DIST FAF TO THLD: 4.93. _ 8260.19I COMPLIANCE/NEW EVAL.
6. PROFILE LINE 4 CHANGED FROM ALT: MOSSE WP 2600, PAGED WP 1800 TO MOSSE 2600, PAGED 1800. - NO NEED FOR TERM WP.
7. PROFILE LINE 7 CHANGED 34:1 NOT CLEAR AND ADDED 20:1 CLEAR. - PER NEW JERSEY DOT 20:1 SURVEY AND FPT CHECKLIST.
8. ADDITIONAL FLIGHT DATA REMOVED FINAL SEGMENT (TF). - NOT IN COMPLIANCE WITH 8260.19I.
9. ADDITIONAL FLIGHT DATA CHANGED PAGED TO RW04: 2.98/40 TO 3.00/41. - FIX PAGED MOVED TO ALIGHT WITH VGSI.
10. ADDITIONAL FLIGHT DATA ADDED CHART VDP AT 1.41 NM TO RWY 04. - IAW 8260.3E 2-6-5 COMPLIANCE.
11. ADDITIONAL FLIGHT DATA FAS OBSTACLE CHANGED FROM 397 TELEPHONE LINES 403254/0744557 TO 400 AAO 403142N/0744650W. - NEW EVAL.
12. ADDITIONAL FLIGHT DATA 7:1 440 AAO 402950N/0744705W. - 8260.19I COMPLIANCE.
13. CHART NOTE REMOVED DME/DME RNP.03 NA. - 8260.19I COMPLIANCE.
14. CHART NOTE ADDED VDP NA WHEN USING NEWARK LIBERTY INTL ALTIMETER SETTING. - NEW JERSY DOT SURVEY HAS 20:1 CLEAR.
15. UPDATED CHART NOTE FROM OBTAIN LOCAL ALTIMETER SETTING ON CTAF, WHEN NOT RECEIVED, USE NEWARK LIBERTY INTL ALTIMETER SETTING TO OBTAIN LOCAL ALTIMETER SETTING ON CTAF, WHEN NOT RECEIVED, USE NEWARK LIBERTY INTL ALTIMETER SETTING AND INCREASE ALL MDAS 100 FEET. - 8260.19I COMPLIANCE.
16. PBN REQUIREMENTS NOTE ADDED RNP APCH - GPS. - 8260.19I COMPLIANCE.
17. MINIMA REMOVED NEWARK LINE OF MINIMA. - IT IS COVERED IN ALTIMETER NOTE.
18. MINIMA LNAV MINIMA MDA/HAT CHANGED FROM 700/511 TO 680/490. - NEW EVALUATION.
19. MINIMA CIRCLING MINIMA MDA/HAA CHANGED CAT A 700/511, CAT B 760/571 TO CAT A 680/490, CAT B 760/570. - NEW EVALUATION.
20. ADDED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DIRPE ON V403 SOUTHWEST BOUND. - 8260.19I COMPLIANCE.
21. ADDITIONAL FLIGHT DATA CHANGED FROM CHART IN PLANVIEW: SOMERSET AIRPORT (SMQ) TO CHART KSPQ IN PLAN AND PROFILE VIEWS. - 8260.19I COMPLIANCE.

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

1. REMOVED PROFILE NOTE PROCEDURE TURN NA.
2. ADDITIONAL FLIGHT DATA CHANGED CHART KSPQ IN PLAN AND PROFILE VIEWS TO CHART KSMQ IN PLAN AND PROFILE VIEWS.



COORDINATED WITH:

A4A

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ALPA

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AOPA

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APA

☐

HAI

☐

NBAA

☒

OTHER:

ZNY, NY TRACON, NJ DEPT OF AVIATION, AMGR

FLIGHT CHECKED BY

PENDING

Digitally signed by

CASIMIR L TABAKA

Oct 12, 2023

OFFICE

AJV-A432

DATE

08/04/2023

DEVELOPED BY
JOHN KEEFER

Digitally signed by

JOHN A KEEFER

Oct 05, 2023

APPROVED BY
CASIMIR L. TABAKA

Digitally signed by

CASIMIR L TABAKA

Oct 05, 2023

OFFICE

AJV-A430

DATE

TITLE

MANAGER

