

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION  
**TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)**

Bearings, headings, courses, tracks and radials are magnetic. Elevation and altitudes are in feet MSL. Altitudes are minimum altitudes unless otherwise indicated.  
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

| City, State | Airport                         | Effective Date | Amdt. No. |
|-------------|---------------------------------|----------------|-----------|
| RUTLAND, VT | RUTLAND - SOUTHERN VERMONT RGNL |                | 4         |

**TAKEOFF MINIMUMS:**

RWY 13, NA OBSTACLES.  
RWY 01, STANDARD WITH MINIMUM CLIMB OF 439 FEET PER NM TO 3000, OR 3600-3 FOR CLIMB IN VISUAL CONDITIONS.  
RWY 19, STANDARD WITH MINIMUM CLIMB OF 470 FEET PER NM TO 3300, OR 3600-3 FOR CLIMB IN VISUAL CONDITIONS.  
RWY 31, STANDARD WITH MINIMUM CLIMB OF 500 FEET PER NM TO 4500, OR 3600-3 FOR CLIMB IN VISUAL CONDITIONS.

**TEXTUAL DEPARTURE PROCEDURES:**

RWY 1: CLIMB ON 013 COURSE TO DYO NDB, CROSS DYO NDB AT OR ABOVE 6000, IF NOT AT 6000, DEPART NYO NDB ON BEARING 325 TO 600 BEFORE PROCEEDING ON COURSE. FOR CLIMB IN VISUAL CONDITION: CROSS RUTLAND-SOUTHERN VERMONT RGNL AIRPORT AT OR ABOVE 4300 BEFORE PROCEEDING ON COURSE. WHEN EXECUTING VCOA, NOTIFY ATC PRIOR TO DEPARTURE.

RWY 19: CLIMB HEADING 193.53 TO 1400, THEN CLIMBING RIGHT TURN ON 025 COURSE TO DYO NDB, CROSS DYO NDB AT OR ABOVE 6000, IF NOT AT 6000, DEPART NYO NDB ON BEARING 325 TO 600 BEFORE PROCEEDING ON COURSE. FOR CLIMB IN VISUAL CONDITION: CROSS RUTLAND-SOUTHERN VERMONT RGNL AIRPORT AT OR ABOVE 4300 BEFORE PROCEEDING ON COURSE. WHEN EXECUTING VCOA, NOTIFY ATC PRIOR TO DEPARTURE.

RWY 31: CLIMB HEADING 328.64 TO 1600, THEN CLIMBING RIGHT TURN ON 025 COURSE TO DYO NDB, CROSS DYO NDB AT OR ABOVE 6000, IF NOT AT 6000, DEPART NYO NDB ON BEARING 325 TO 600 BEFORE PROCEEDING ON COURSE. FOR CLIMB IN VISUAL CONDITION: CROSS RUTLAND-SOUTHERN VERMONT RGNL AIRPORT AT OR ABOVE 4300 BEFORE PROCEEDING ON COURSE. WHEN EXECUTING VCOA, NOTIFY ATC PRIOR TO DEPARTURE.

**TAKEOFF OBSTACLE NOTES:**

NOTE: RWY 1, TREE 79 FT FROM DER, 424 FT RIGHT OF CENTERLINE, 80 FT AGL/805 FT MSL.

NOTE: RWY 19, TREES BEGINNING 167 FT FROM DER, 305 FT RIGHT OF CENTERLINE, UP TO 42 FT AGL/843 FT MSL. TREES BEGINNING 393 FT FROM DER, 175 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/967 FT MSL.

NOTE: RWY 31, TREES BEGINNING 334 FT FROM DER, 94 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1319 FT MSL. TREES BEGINNING 885 FT FROM DER, 201 FT RIGHT OF CENTERLINE, UP TO 85 FT AGL/827 FT MSL.

**CONTROLLING OBSTACLES:**

RWY 1 – 1639 FT MSL TREE 433454.66N/0725601.75W. 2439 FT MSL AAO 434053.51N/0725528.93W.  
OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 1 – 4435 FT MSL AAO 433616.65N/0724913.08W.

RWY 19 – 2609 FT AAO 433032.10N/0730247.80W.  
OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 19 – 4435 FT MSL AAO 433616.65N/0724913.08W.

RWY 31 – 1519 FT MSL TREE 433212.26N/0725954.87W.  
OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 31 – 1529 FT MSL TREE 433208.09N/0725956.23W, 4435 FT MSL AAO 433616.65N/0724913.08W.

VCOA – 2565 FT MSL TREE 433207.12N/0725341.75W, 4435 FT MSL AAO 433616.65N/0724913.08W.





# INFO ONLY

## RADIO FIX AND HOLDING DATA RECORD

NAME: SMUTO NDB STATE: VT COUNTRY: US

LATITUDE/LONGITUDE: 434222.80N/0725725.80W TYPE: DME

AIRSPACE DOCKET: FIX TYPE OF ACTION: ESTABLISH

### FIX MAKE-UP FACILITIES:

| FAC | NAME    | IDENT | TYPE    | CLASS | MAG BRG | TRUE BRG | DME   | DIST FROM FAC NM | FAC FEET | MRA  | MAA   |
|-----|---------|-------|---------|-------|---------|----------|-------|------------------|----------|------|-------|
| 1   | SMUTO   | DYO   | NDB     | MH    |         |          |       |                  |          |      | 17500 |
| 2   | RUTLAND | I-RUT | LOC/DME |       | 013.53  | 358.53   | 10.95 | 10.95            | 66559    | 4500 | 5700  |

### FIX USE:

| USE TYPE | USE TITLE        | FAC  | PAT | AIRPORT IDENT | CITY    | STATE   |
|----------|------------------|------|-----|---------------|---------|---------|
| DP       | TAKEOFF MINIMUMS | 1    |     | KRUT          | RUTLAND | VT (US) |
| IAP      | LOC Y RWY 19     | 1, 2 |     | KRUT          | RUTLAND | VT (US) |
| IAP      | LOC Z RWY 19     | 1, 2 |     | KRUT          | RUTLAND | VT (US) |

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG DATE OF REVISION: 01/14/2010

DEVELOPED BY: DATE: 08/10/2009 OFFICE: AVN-110 NAME: JILL OLSON

APPROVED BY: DATE: 09/15/2009 OFFICE: AVN-110 NAME: PETER GETZ

SIGNATURE:

DISTRIBUTION: NFDC  
FPO: EST  
ARTCC: ZBW  
ATC FACILITY:  
OTHER: BTV FSS