

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)
TITLE 14 CFR PART 97.37**

Bearings, headings, courses, tracks and radials are magnetic. Elevations 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.

| <u>AIRPORT</u> | <u>AIRPORT ID</u> | <u>CITY</u> | <u>STATE</u> | <u>AMDT NO</u> | <u>ACTUAL EFFECTIVE DATE</u> |
|------------------------|-------------------|-------------|--------------|----------------|------------------------------|
| CLOQUET CARLTON COUNTY | COQ | CLOQUET | MN | 3 | 10 SEPTEMBER 2020 |

TAKEOFF MINIMUMS:

RWY 7, 18, 25, 36: STANDARD

TEXTUAL DEPARTURE PROCEDURES:

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 7: TREES BEGINNING ABEAM DER, 264 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1369 FT MSL. TREES BEGINNING 897 FT FROM DER, 358 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1349 FT MSL. VEHICLES ON ROAD BEGINNING ABEAM, 431 FT RIGHT OF CENTERLINE, 15 FT AGL/1274 FT MSL.

NOTE: RWY 18: ELECTRICAL SYSTEM 30 FT FROM DER, 109 FT LEFT OF CENTERLINE, 14 FT AGL/1273 FT MSL. TREES BEGINNING 68 FT FROM DER, 371 FT RIGHT OF CENTERLINE, UP TO 1302 FT MSL. TREES BEGINNING 325 FT FROM DER, 511 FT RIGHT OF CENTERLINE, UP TO 1340 FT MSL.

NOTE: RWY 25: TREES BEGINNING 152 FT FROM DER, 446 FT RIGHT OF CENTERLINE, UP TO 1310 FT MSL. TREE 541 FT FROM DER, 365 FT LEFT OF CENTERLINE, 1313 FT MSL. TREES BEGINNING 826 FT FROM DER, 479 FT RIGHT OF CENTERLINE, UP TO 1323 FT MSL. TREES BEGINNING 1190 FT FROM DER, 505 FT RIGHT OF CENTERLINE, UP TO 1362 FT MSL. TREES BEGINNING 1624 FT FROM DER, 461 FT LEFT OF CENTERLINE, UP TO 1359 FT MSL. TREES BEGINNING 1845 FT FROM DER, 741 FT LEFT OF CENTERLINE, UP TO 1365 FT MSL. TREE 2003 FT FROM DER, 539 FT LEFT OF CENTERLINE, 1378 FT MSL. TREES BEGINNING 2127 FT FROM DER, 476 FT LEFT OF CENTERLINE, UP TO 1388 FT MSL.

NOTE: RWY 36: TREE 40 FT FROM DER, 433 FT LEFT OF CENTERLINE, 1318 FT MSL. TREES BEGINNING 2267 FT FROM DER, 9 FT LEFT OF CENTERLINE, UP TO 1337 FT MSL. TREE 2677 FT FROM DER, 10 FT RIGHT OF CENTERLINE, 1346 FT MSL. TREE 2765 FT FROM DER, 103 FT RIGHT OF CENTERLINE, 1360 FT MSL. TREES BEGINNING 2767 FT FROM DER, 10 FT RIGHT OF CENTERLINE, UP TO 1366 FT MSL.

CONTROLLING OBSTACLES:

REMARKS:

FLIGHT INSPECTED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO,
OCTOBER 3,2018 SUBJECT: FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE

DATE

Digitally signed by
DAVID TEFFETELLER
Oct 18, 2019

DEVELOPED BY

SCOTT BAGENSIE

Digitally signed by

DAVID TEFFETELLER

Oct 18, 2019

OFFICE

AJV-A433

DATE

APPROVED BY

GEORGE DAVIS

Digitally signed by

DAVID TEFFETELLER

Oct 18, 2019

OFFICE

AJV-A430

DATE

TITLE

MANAGER

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA OTHER:ZMP, AMGR, DULUTH APP/CON

CHANGES - REASONS:

RUNWAY 17/35 CHANGED TO 18/36 - RESULT OF FUNDING AVAILABLE TO CHANGE RUNWAY NUMBERS.
UPDATED RWY 18, 25, 36 TAKEOFF OBSTACLE NOTES - UPDATED AIRPORT OBSTACLE SURVEY.

