# Flight Procedure Tracking Form

| Action: | Task Type: | Date Open: | Task #: | Request #: |
|---|---|---|---|---|
| FLIGHT CHECK | TEXTUAL DP | 02/28/2012 | 2012022822974801001 | 20120228229748 |

| Procedure: | Airport ID: | Airport: | Reimbursable #: |
|---|---|---|---|
| CLOQUET MN KCOQ AMDT 2 | KCOQ | CLOQUET CARLTON COUNTY | |

| City: | ST: | GPS #: | Estimated Chart Date: | FICO #: |
|---|---|---|---|---|
| CLOQUET | MN | | 07/26/2012 | |

| Fac ID: | Fac. Type: | Specialist: |
|---|---|---|
| | Proc T | BRIAN BICKETT |

## Procedure Review

| | Rec'd | Rel'd | Full Name | Comments |
|---|---|---|---|---|
| Lead: | 02/28/2012 | 03/14/2012 | JILL OLSON | |
| QA: | 03/14/2012 | 04/12/2012 | STEVEN SZUKALA | |
| Liaison: | 04/12/2012 | | Alfonso | MAGVAR |

MAG VAR pl

**Procedure Comments:**

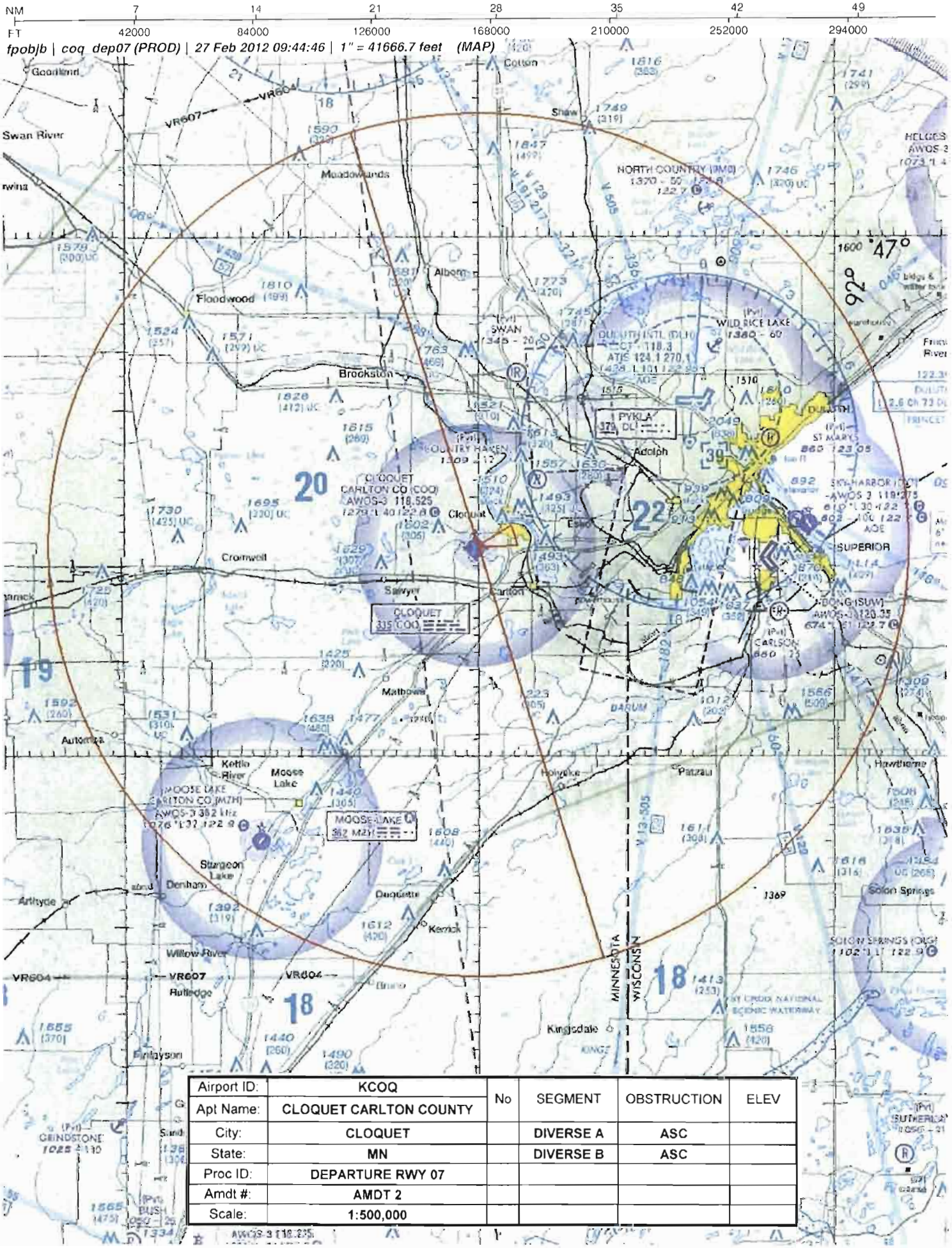
**Remark Type:** INFORMATION

pg 5 of 5

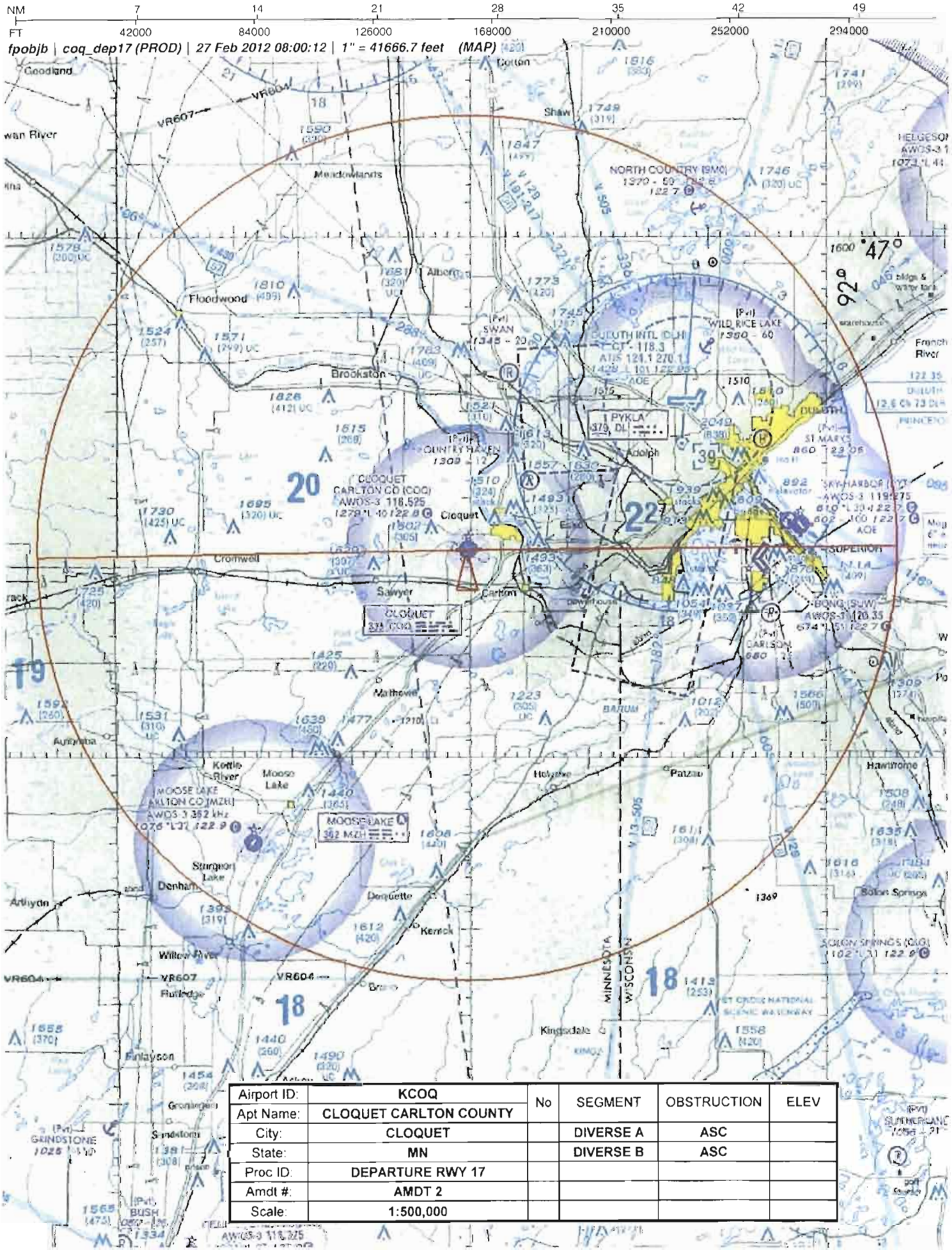
CLOQUET, MN CLOQUET CARLTON COUNTY (KCOQ) TAKEOFF DEP/MINS, AMDT 2 ENROUTE-NO FC: 5.29.12 PUB: 7.26.12

ATTACHED FORMS: 8260-15A.

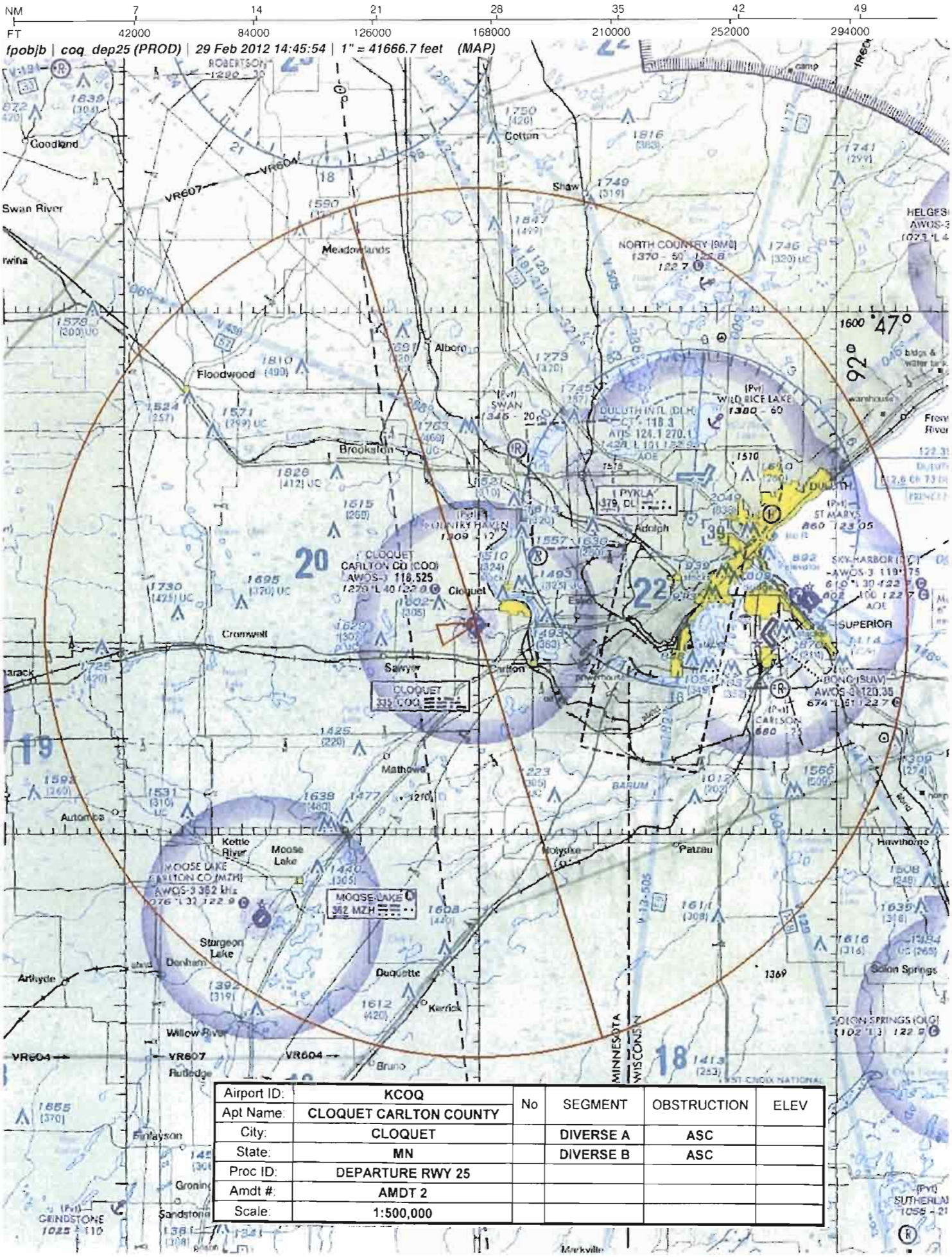
CONTACT: JILL OLSON, AJV-353 LEAD, 405.954.9568:



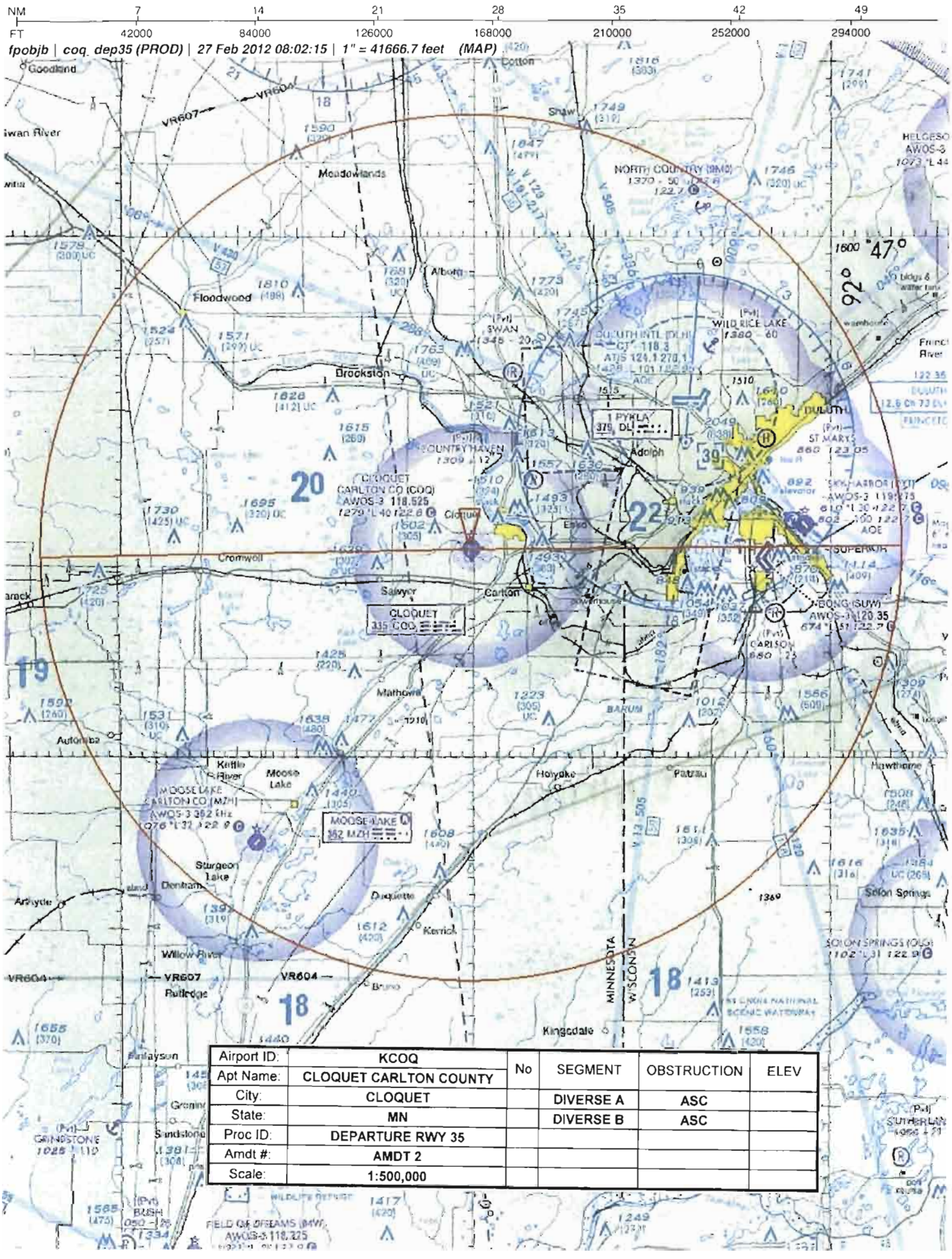

| Airport ID: | KCOQ | No | SEGMENT | OBSTRUCTION | ELEV |
|---|---|---|---|---|---|
| Apt Name: | CLOQUET CARLTON COUNTY | | | | |
| City: | CLOQUET | | DIVERSE A | ASC | |
| State: | MN | | DIVERSE B | ASC | |
| Proc ID: | DEPARTURE RWY 07 | | | | |
| Amdt #: | AMDT 2 | | | | |
| Scale: | 1:500,000 | | | | |



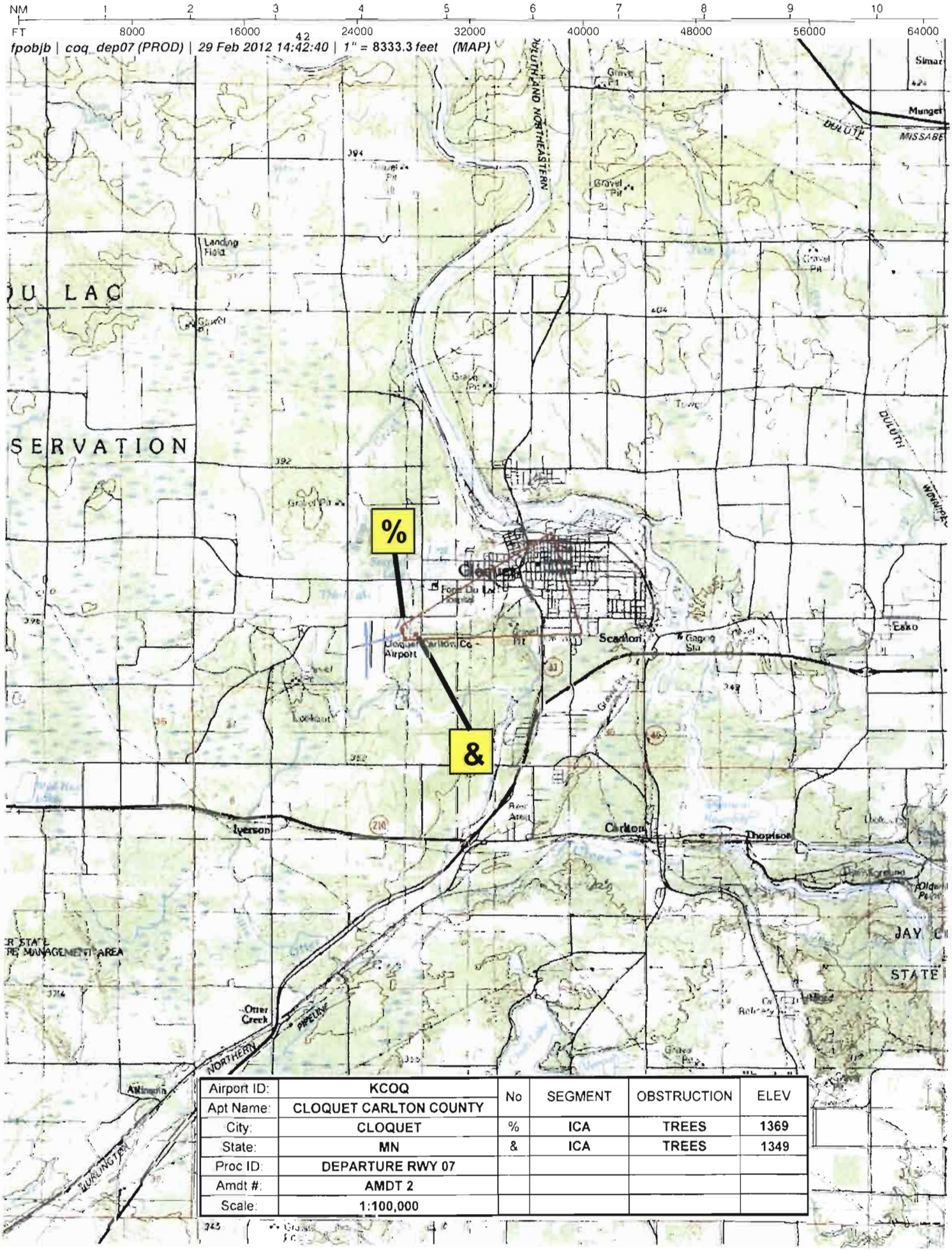

| Airport ID: | KCOQ | No | SEGMENT | OBSTRUCTION | ELEV |
|---|---|---|---|---|---|
| Apt Name: | CLOQUET CARLTON COUNTY | | | | |
| City: | CLOQUET | | DIVERSE A | ASC | |
| State: | MN | | DIVERSE B | ASC | |
| Proc ID: | DEPARTURE RWY 17 | | | | |
| Amdt #: | AMDT 2 | | | | |
| Scale: | 1:500,000 | | | | |



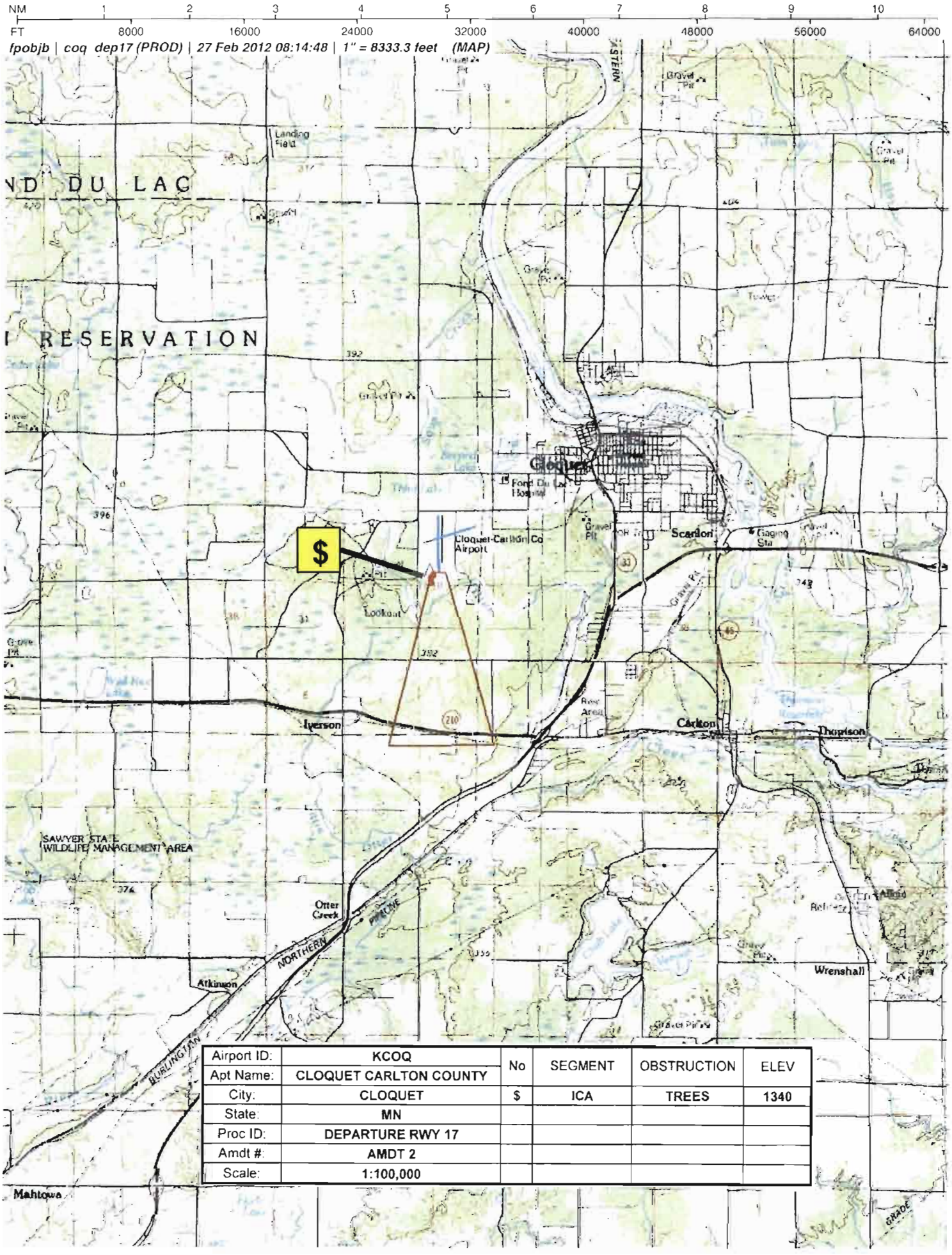

| Airport ID: | KCOQ | No | SEGMENT | OBSTRUCTION | ELEV |
|---|---|---|---|---|---|
| Apt Name: | CLOQUET CARLTON COUNTY | | | | |
| City: | CLOQUET | | DIVERSE A | ASC | |
| State: | MN | | DIVERSE B | ASC | |
| Proc ID: | DEPARTURE RWY 25 | | | | |
| Amdt #: | AMDT 2 | | | | |
| Scale: | 1:500,000 | | | | |



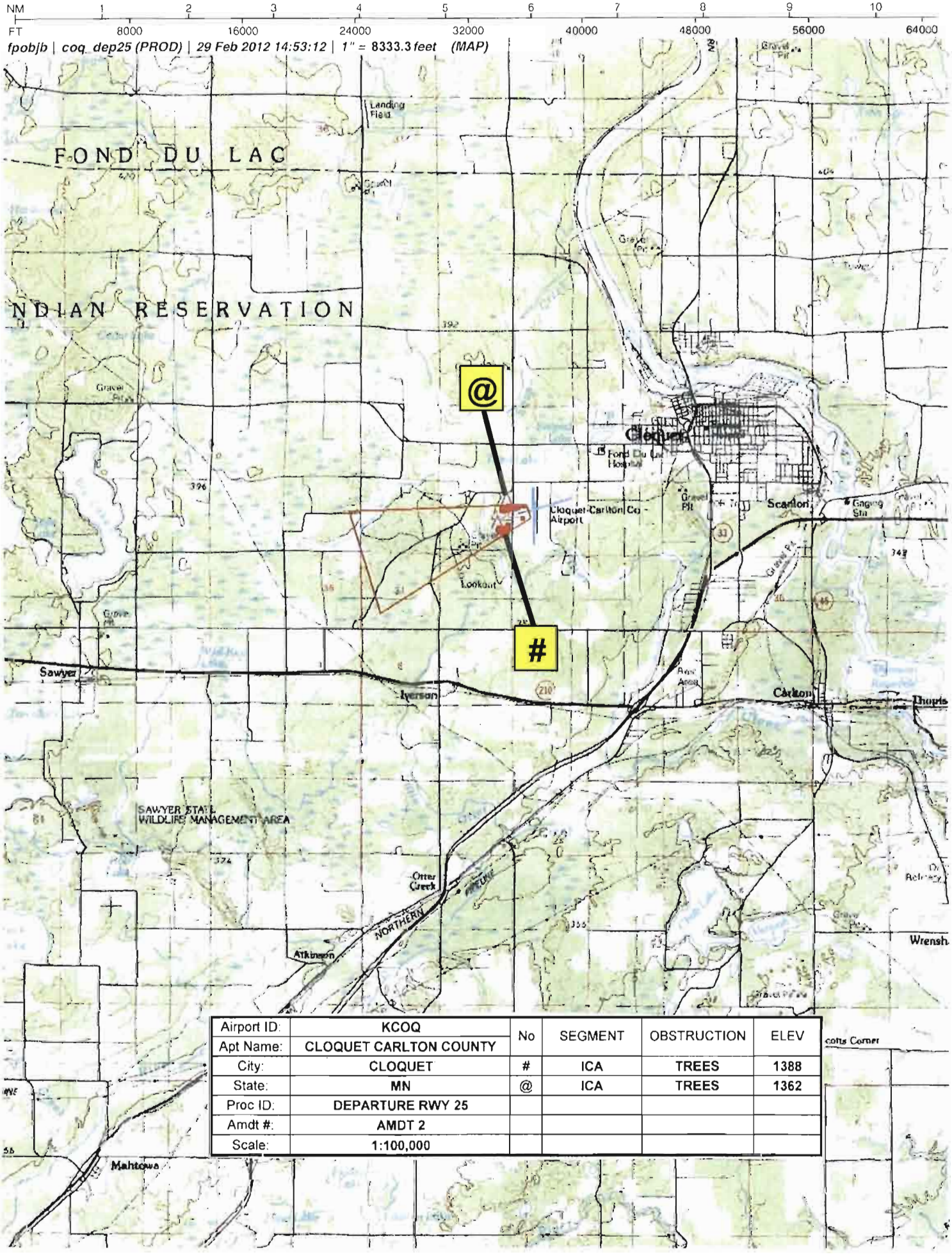

| Airport ID: | KCOQ | No | SEGMENT | OBSTRUCTION | ELEV |
|---|---|---|---|---|---|
| Apt Name: | CLOQUET CARLTON COUNTY | | | | |
| City: | CLOQUET | | DIVERSE A | ASC | |
| State: | MN | | DIVERSE B | ASC | |
| Proc ID: | DEPARTURE RWY 35 | | | | |
| Amdt #: | AMDT 2 | | | | |
| Scale: | 1:500,000 | | | | |



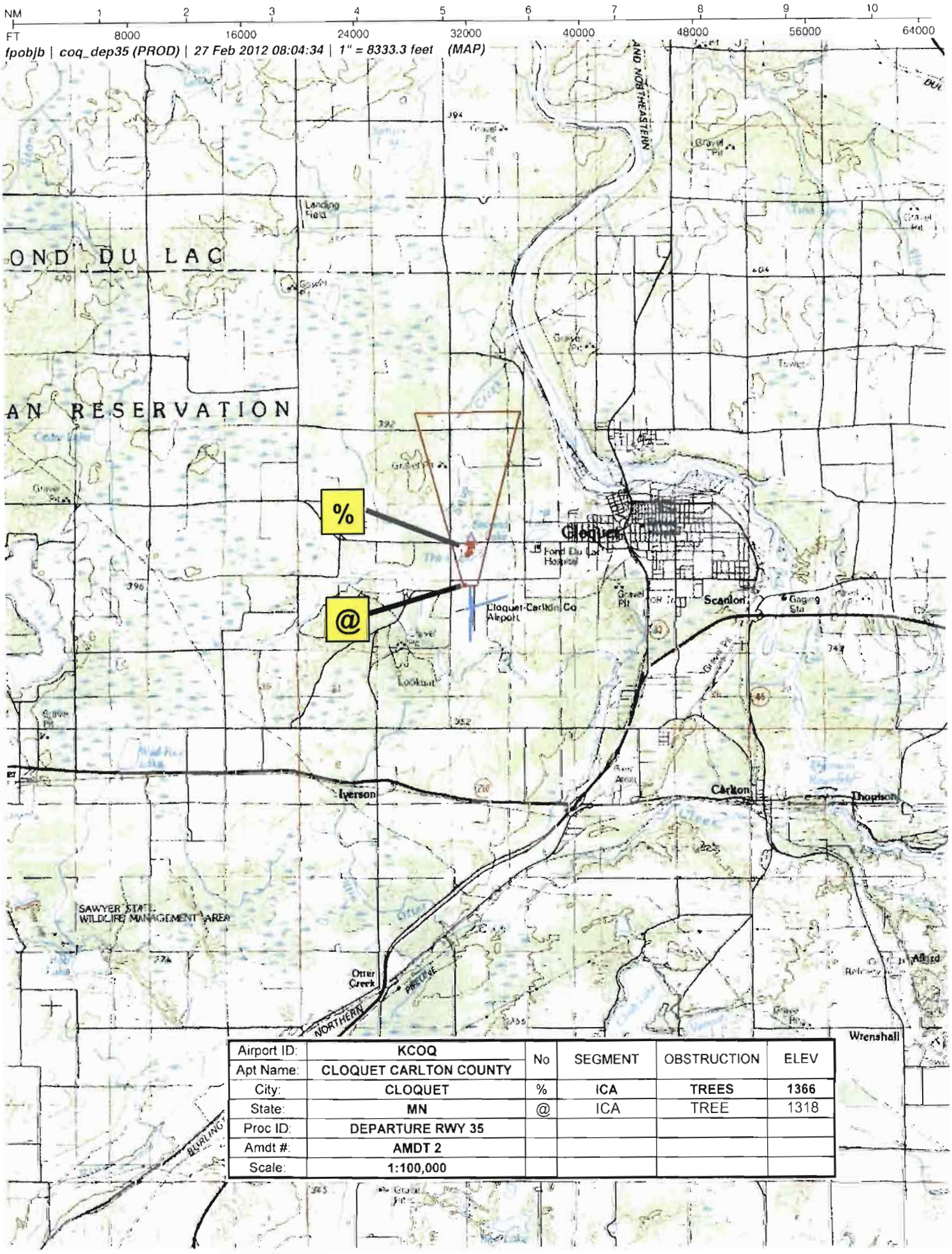

| Airport ID: | KCOQ | No | SEGMENT | OBSTRUCTION | ELEV |
|---|---|---|---|---|---|
| Apt Name: | CLOQUET CARLTON COUNTY | | | | |
| City: | CLOQUET | % | ICA | TREES | 1369 |
| State: | MN | & | ICA | TREES | 1349 |
| Proc ID: | DEPARTURE RWY 07 | | | | |
| Amdt #: | AMDT 2 | | | | |
| Scale: | 1:100,000 | | | | |




| Airport ID: | KCOQ | No | SEGMENT | OBSTRUCTION | ELEV |
|---|---|---|---|---|---|
| Apt Name: | CLOQUET CARLTON COUNTY | | | | |
| City: | CLOQUET | $ | ICA | TREES | 1340 |
| State: | MN | | | | |
| Proc ID: | DEPARTURE RWY 17 | | | | |
| Amdt #: | AMDT 2 | | | | |
| Scale: | 1:100,000 | | | | |




| Airport ID: | KCOQ | No | SEGMENT | OBSTRUCTION | ELEV |
|---|---|---|---|---|---|
| Apt Name: | CLOQUET CARLTON COUNTY | | | | |
| City: | CLOQUET | # | ICA | TREES | 1388 |
| State: | MN | @ | ICA | TREES | 1362 |
| Proc ID: | DEPARTURE RWY 25 | | | | |
| Amdt #: | AMDT 2 | | | | |
| Scale: | 1:100,000 | | | | |




| Airport ID: | KCOQ | No | SEGMENT | OBSTRUCTION | ELEV |
|---|---|---|---|---|---|
| Apt Name: | CLOQUET CARLTON COUNTY | | | | |
| City: | CLOQUET | % | ICA | TREES | 1366 |
| State: | MN | @ | ICA | TREE | 1318 |
| Proc ID: | DEPARTURE RWY 35 | | | | |
| Amdt #: | AMDT 2 | | | | |
| Scale: | 1:100,000 | | | | |

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. |
|---|---|---|---|
| CLOQUET, MN | CLOQUET CARLTON COUNTY | | 2 |

**TAKEOFF MINIMUMS:**

**RWY 07, 17, 25, 35**, STANDARD

**TEXTUAL DEPARTURE PROCEDURES:**

**TAKEOFF OBSTACLE NOTES:**

**NOTE: RWY 07,** 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 DER, 431 FT RIGHT OF CENTERLINE, 15 FT AGL/1274 FT MSL.

**NOTE: RWY 17,** TREES BEGINNING 69 FT FROM DER, 372 FT RIGHT OF CENTERLINE, UP TO 81 FT AGL/1340 FT MSL.

**NOTE: RWY 25,** TREE 542 FT FROM DER, 365 FT LEFT OF CENTERLINE, 34 FT AGL/1313 FT MSL. TREES BEGINNING 1625 FT FROM DER, 462 FT LEFT OF CENTERLINE, UP TO 119 FT AGL/1388 FT MSL. TREES BEGINNING 153 FT FROM DER, 446 FT RIGHT OF CENTERLINE, UP TO 93 FT AGL/1362 FT MSL.

**NOTE: RWY 35,** TREE 41 FT FROM DER, 434 FT LEFT OF CENTERLINE, 49 FT AGL/1318 FT MSL.TREES BEGINNING 2181 FT FROM DER, CROSSING CENTERLINE LEFT TO RIGHT, UP TO 87 FT AGL/1366 FT MSL.

**CONTROLLING OBSTACLES:**

QUALITY 2 CHECKED

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

# TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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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. |
|---|---|---|---|
| CLOQUET, MN | CLOQUET CARLTON COUNTY | | 2 |

**REMARKS:**

**FLIGHT INSPECTED BY:**

**REQUIRED EFFECTIVE DATE:**

ROUTINE

**DEVELOPED BY:**

JILL OLSON (BRIAN BICKETT) AJV-353 02/29/2012

**APPROVED BY:**

LARRY STROUT AJV-353

**COORDINATED WITH:**

AOPA, NBAA, ZMP, DLH APP CON, AMGR,

**CHANGES:**

1. CHANGED RWY 7 TAKE-OFF MINIMUMS FROM "300-1 OR STANDARD WITH MINIMUM CLIMB OF 400'/NM TO 1400" TO "STANDARD".
2. ADDED TAKEOFF OBSTACLE NOTES FOR RWYS 07, 17, 25 AND 35.

**REASONS:**

1-2. NEW RWY SURVEY'S AND UPDATED OBSTACLE EVALUATION.

# Federal Aviation Administration

# Memorandum

Date:

To: Dick Powell Manager, National Flight Data Center, AJV-21

From: Larry Strout, Manager, Terminal Procedures & Charting Services, Central Team, AJV-353

Subject: **ACTION:** Magnetic Variation Change

The Magnetic Variation (MV) data for the airport(s) and/or facility(s) listed under the 'Airport/Facility" column will be revised effective concurrent with the publication of the procedure(s) listed below.

Takeoff Minimums and Obstacle DP, Amdt 2
RNAV (GPS) RWY 17, Orig
RNAV (GPS) RWY 35, Amdt 1
NDB RWY 17, Amdt 4
NDB RWY 35, Amdt 5

Estimated Chart Date: 07/26/2012

Runway Numbers are not affected.

Please publish these changes in the National Flight Data Digest.

**MINNESOTA**

| Location | Name | Airport /Facility | Identifier | Assigned Magnetic Variation Value | Epoch Year |
|---|---|---|---|---|---|
| Cloquet | Cloquet Carlton County | Airport | KCOQ / COQ | Old 3° East<br>New 1° West | 2015 |
| Cloquet | Cloquet | NDB | COQ | Old 3° East<br>New 1° West | 2015 |

If you have any questions please notify Larry H. Strout, larry.h.strout@faa.gov (301) 427-4750.

CONCURRENCES
ROUTING SYMBOL AJV-34 SBaker
INITIALS/SIG
DATE
ROUTING SYMBOL AJV-353 JOlson
INITIALS/SIG
DATE
ROUTING SYMBOL AJV-353 LStrout
INITIALS/SIG
DATE
ROUTING SYMBOL AJV-341 JAlfonso
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cc: FTW-FPT, AVJ-3rf
AJV-353; LStrout:sbj::x7537:03/02/2012 :U:\AVN100\100Public\MAGVAR\MAGVAR Letters 2012\MV Request MV Change for @Airport, Cloquet, MN KCOQ)
Requestor:BBickett, AJW-3762:CTerrell