Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: TEXTUAL DP	Date Open: 12/21/2011	Task #: 2011120127194101002	Request #: 20111201271941
Procedure: MANCHESTER NH KMHT AMDT 10		Airport ID: KMHT	Airport: MANCHESTER		Reimbursable #:
City: MANCHESTER	**ST:** NH	GPS #:		Estimated Chart Date: 05/31/2012	FICO #:
Fac ID:	**Fac. Type:** ROCT	Specialist: PETER GUIMOND			

Procedure Review

	Rec'd	Rel'd	Full Name	Comments
Lead:	12/02/2011	02/15/2012	DONALD SMITH	
QA:	02/15/2012	02/15/2012	STEVEN SZUKALA	
Liaison:	02/15/2012		Terrell	

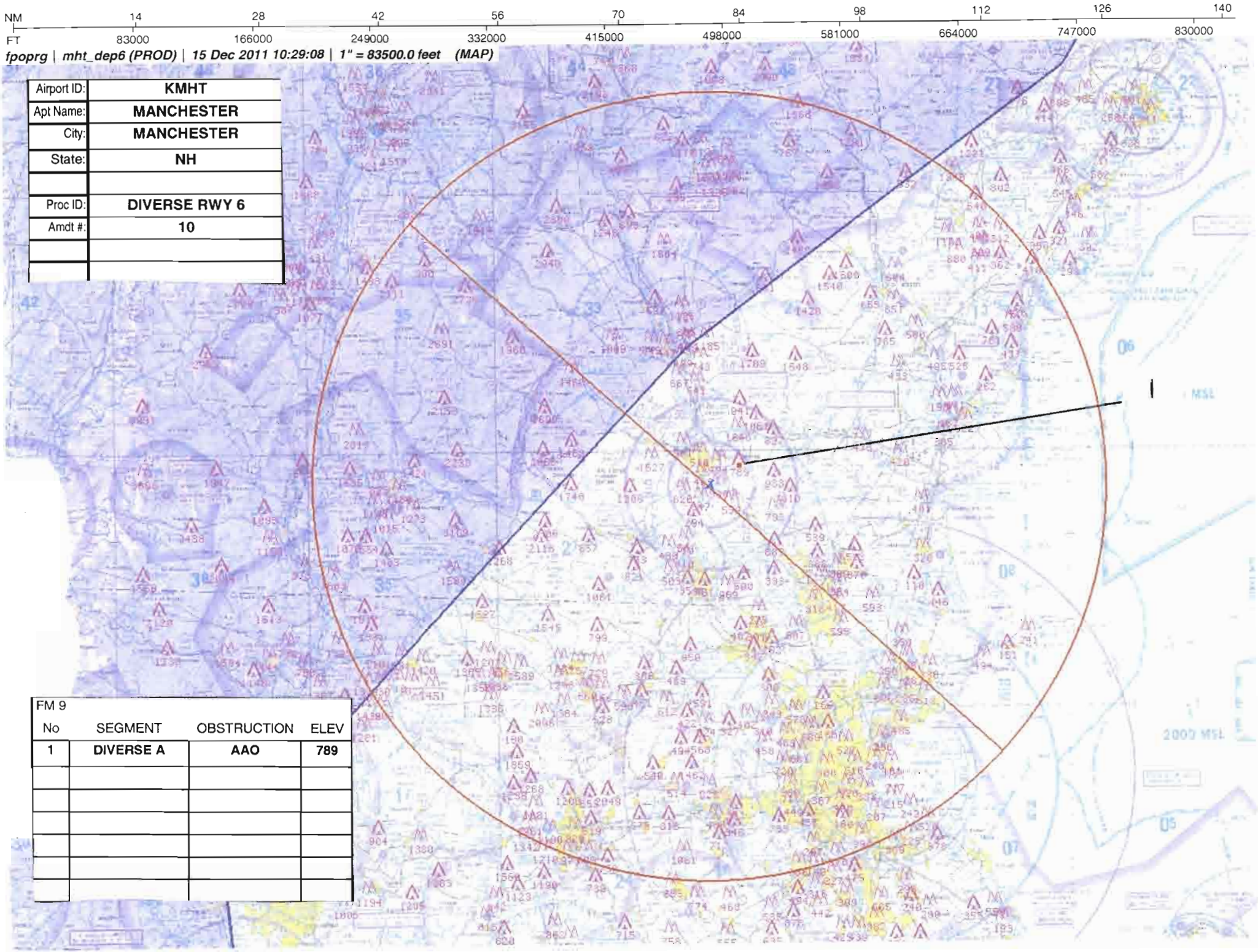
Procedure Comments: **Remark Type:** INFORMATION

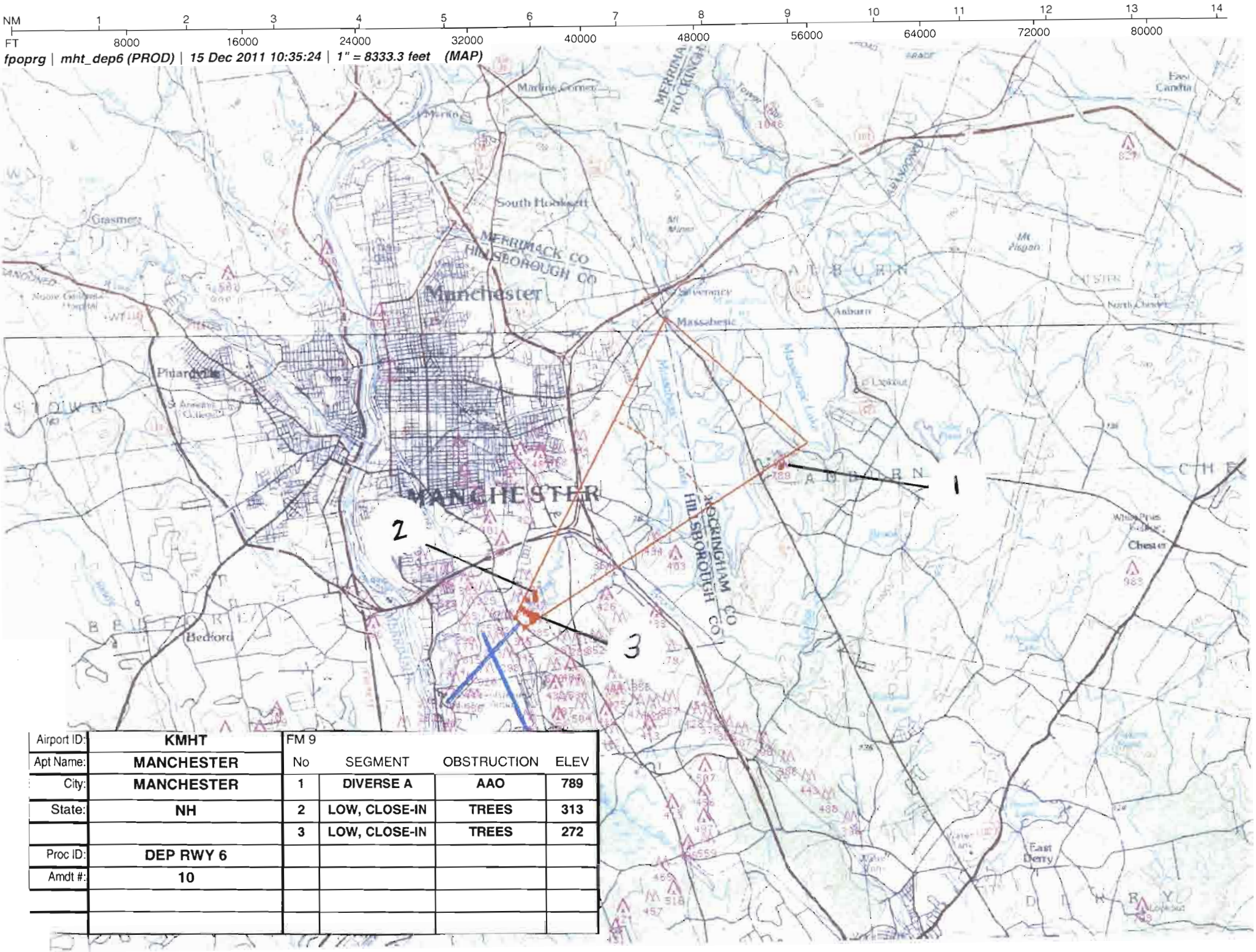
Pg 2 of 3

MANCHESTER, NH MANCHESTER (KMHT) TAKEOFF DEP/MINS, AMDT 10 ENROUTE-NO FC: 4.3.12 PUB: 5.31.12

ATTACHED FORMS: 8260-15A.

CONTACT: DON SMITH, AJV-352 LEAD, 405.954.1036:

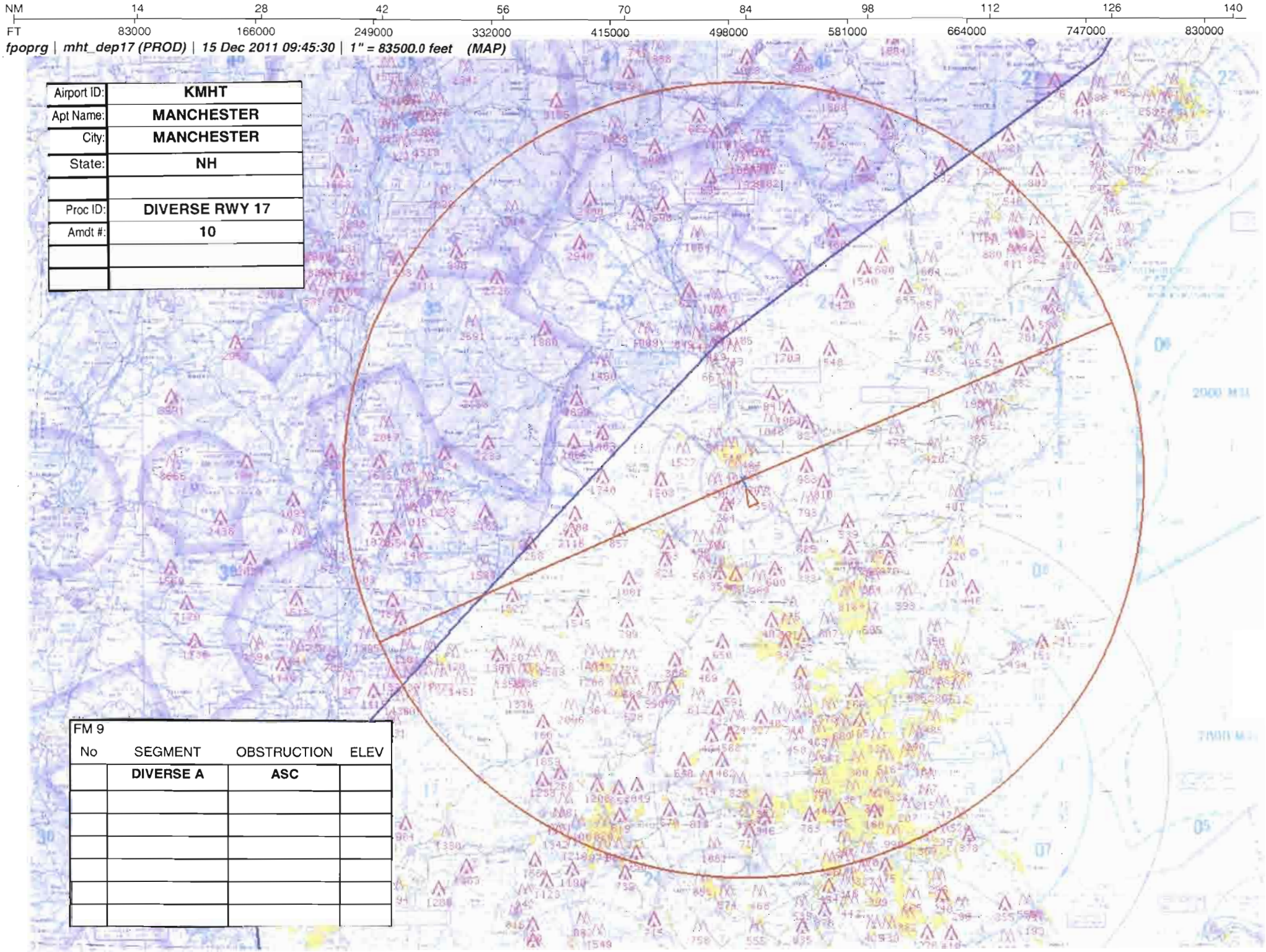

NM 14 28 42 56 70 84 98 112 126 140
FT 83000 166000 249000 332000 415000 498000 581000 664000 747000 830000
fpoprg | mht_dep6 (PROD) | 15 Dec 2011 10:29:08 | 1" = 83500.0 feet (MAP)
Airport ID: KMHT
Apt Name: MANCHESTER
City: MANCHESTER
State: NH
Proc ID: DIVERSE RWY 6
Amdt #: 10
FM 9
No | SEGMENT | OBSTRUCTION | ELEV
1 | DIVERSE A | AAO | 789

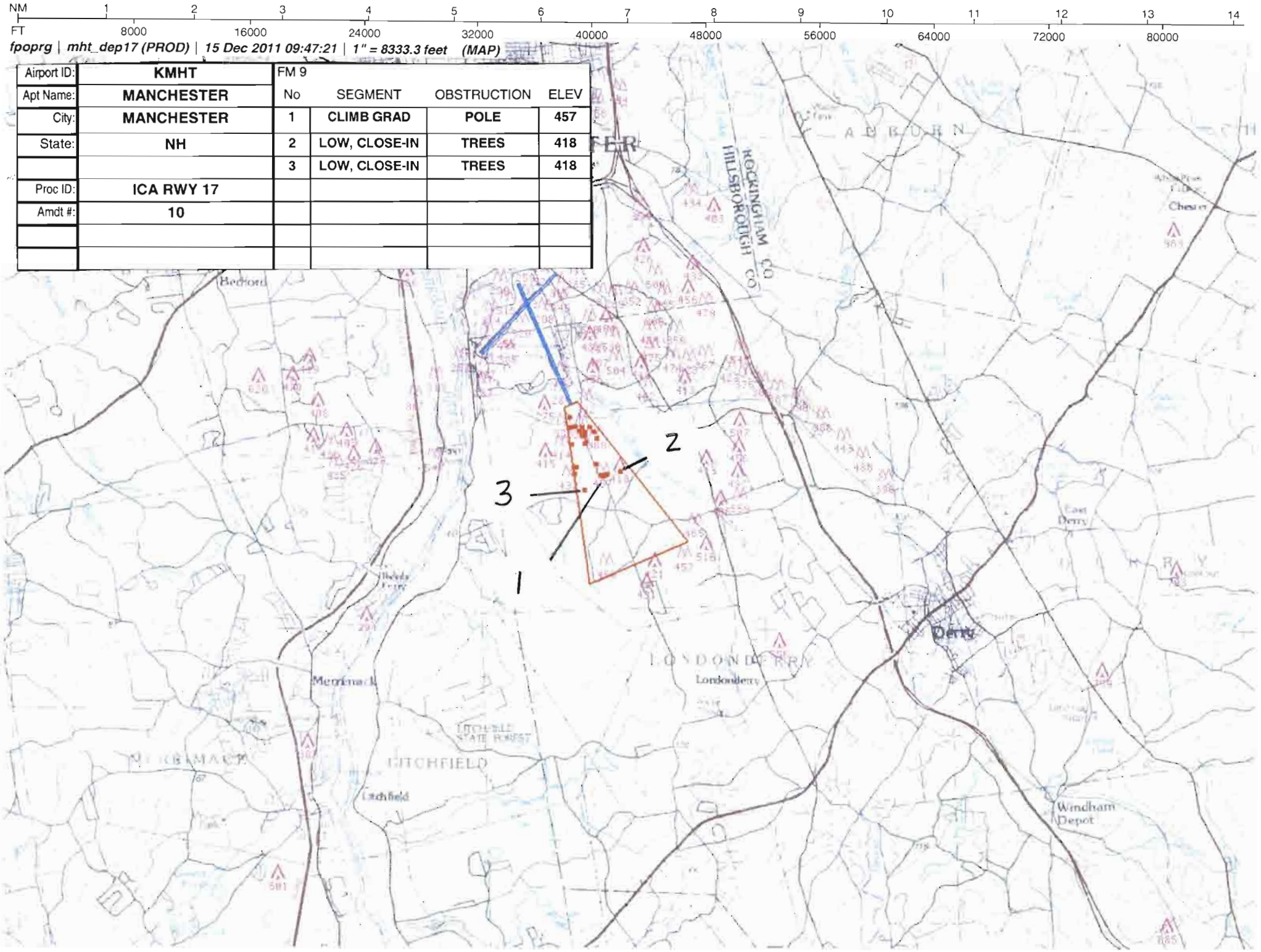


Airport ID:	KMHT
Apt Name:	MANCHESTER
City:	MANCHESTER
State:	NH
Proc ID:	DEP RWY 6
Amdt #:	10

FM 9

No	SEGMENT	OBSTRUCTION	ELEV
1	DIVERSE A	AAO	789
2	LOW, CLOSE-IN	TREES	313
3	LOW, CLOSE-IN	TREES	272


NM 14 28 42 56 70 84 98 112 126 140
FT 83000 166000 249000 332000 415000 498000 581000 664000 747000 830000
fpoprg | mht_dep17 (PROD) | 15 Dec 2011 09:45:30 | 1" = 83500.0 feet (MAP)
Airport ID: KMHT
Apt Name: MANCHESTER
City: MANCHESTER
State: NH
Proc ID: DIVERSE RWY 17
Amdt #: 10
FM 9
No SEGMENT OBSTRUCTION ELEV
DIVERSE A ASC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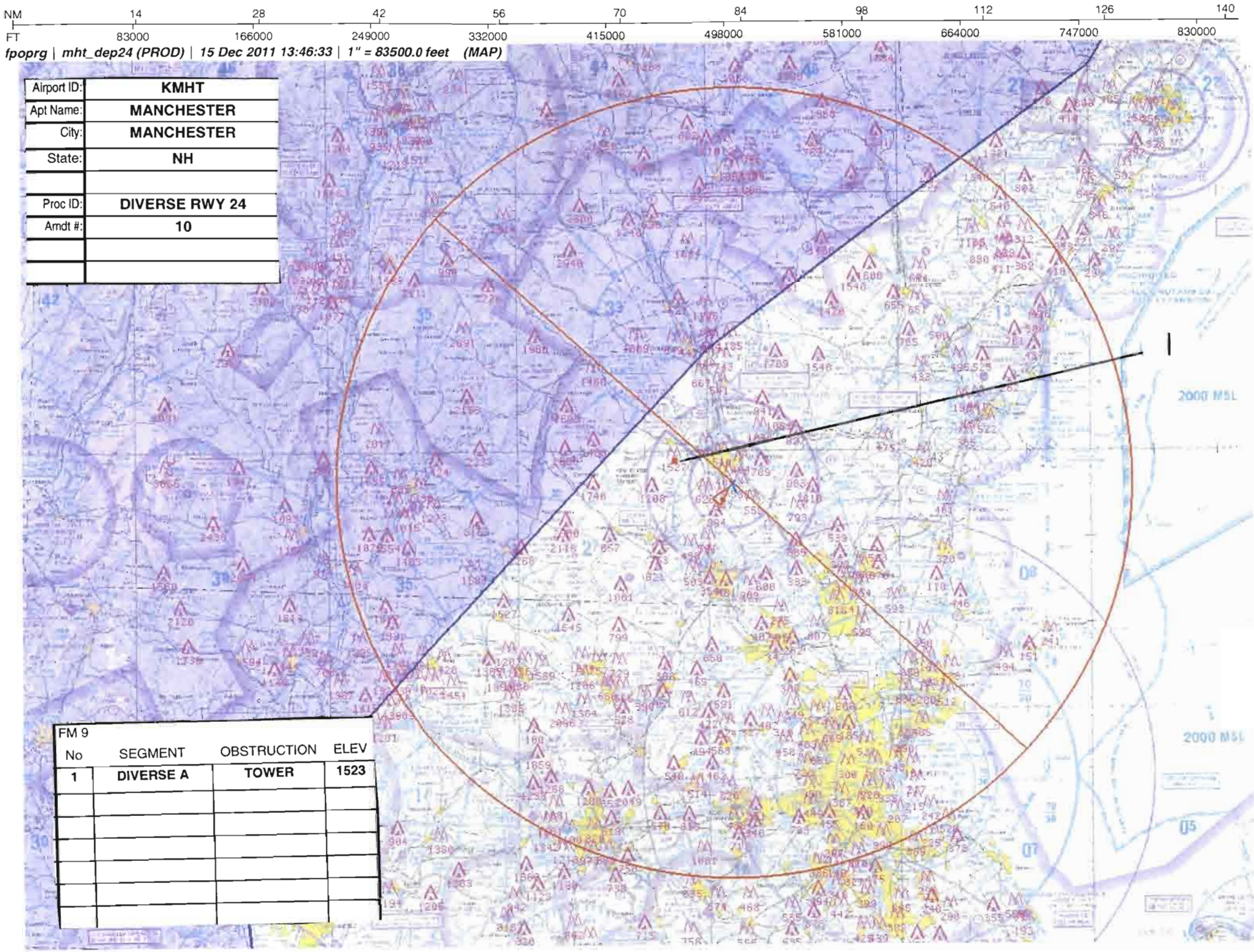
fpoprg | mht_dep17 (PROD) | 15 Dec 2011 09:47:21 | 1" = 8333.3 feet (MAP)
Airport ID: KMHT
Apt Name: MANCHESTER
City: MANCHESTER
State: NH
Proc ID: ICA RWY 17
Amdt #: 10
FM 9
No SEGMENT OBSTRUCTION ELEV
1 CLIMB GRAD POLE 457
2 LOW, CLOSE-IN TREES 418
3 LOW, CLOSE-IN TREES 418
ROCKINGHAM CO
HILLSBOROUGH CO
Bedford
Merrimack
Litchfield
Londonderry
Derry
Windham Depot
1
2
3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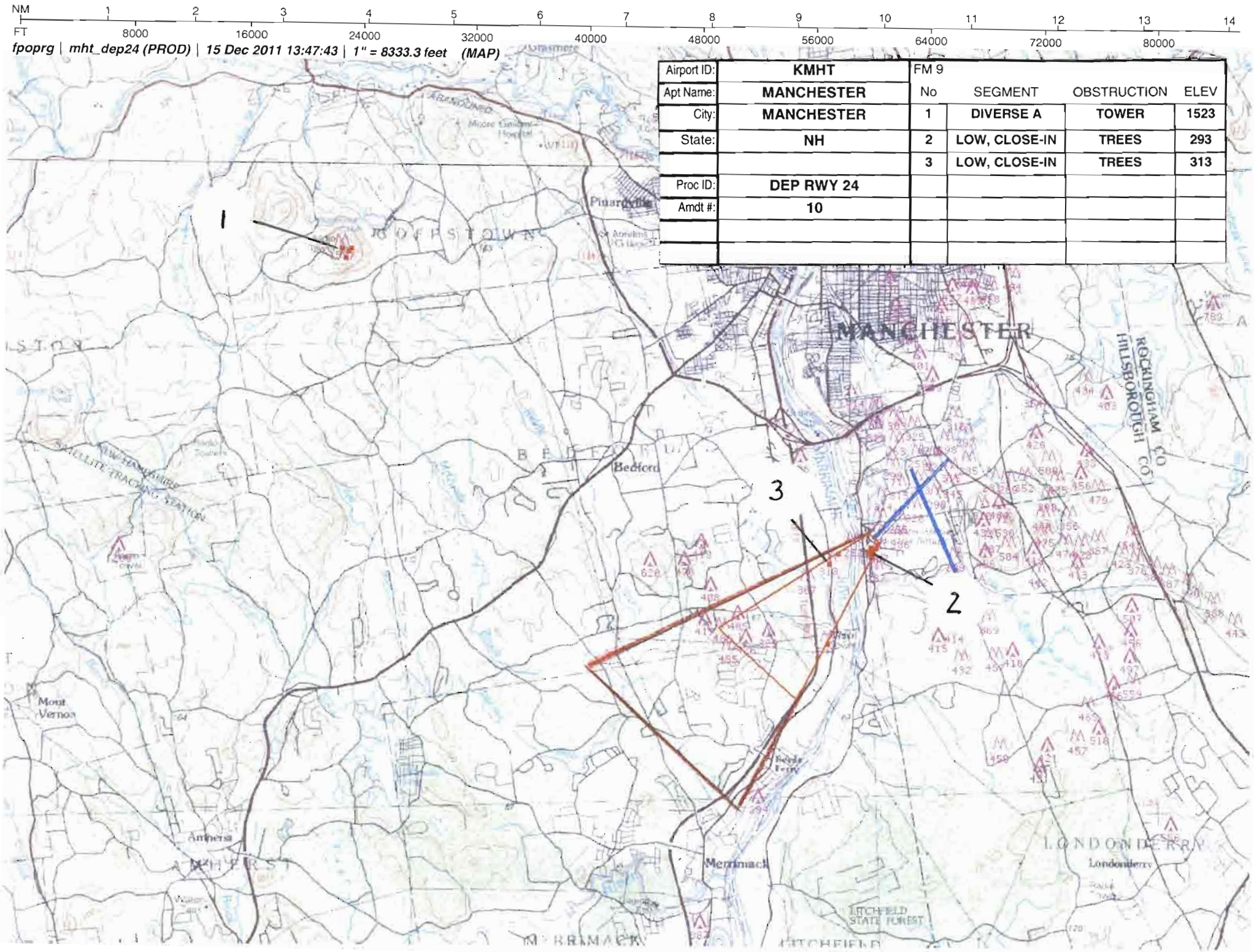
Airport ID: KMHT
Apt Name: MANCHESTER
City: MANCHESTER
State: NH
Proc ID: DIVERSE RWY 24
Amdt #: 10
2000 MSL
2000 MSL
FM 9
No SEGMENT OBSTRUCTION ELEV
1 DIVERSE A TOWER 1523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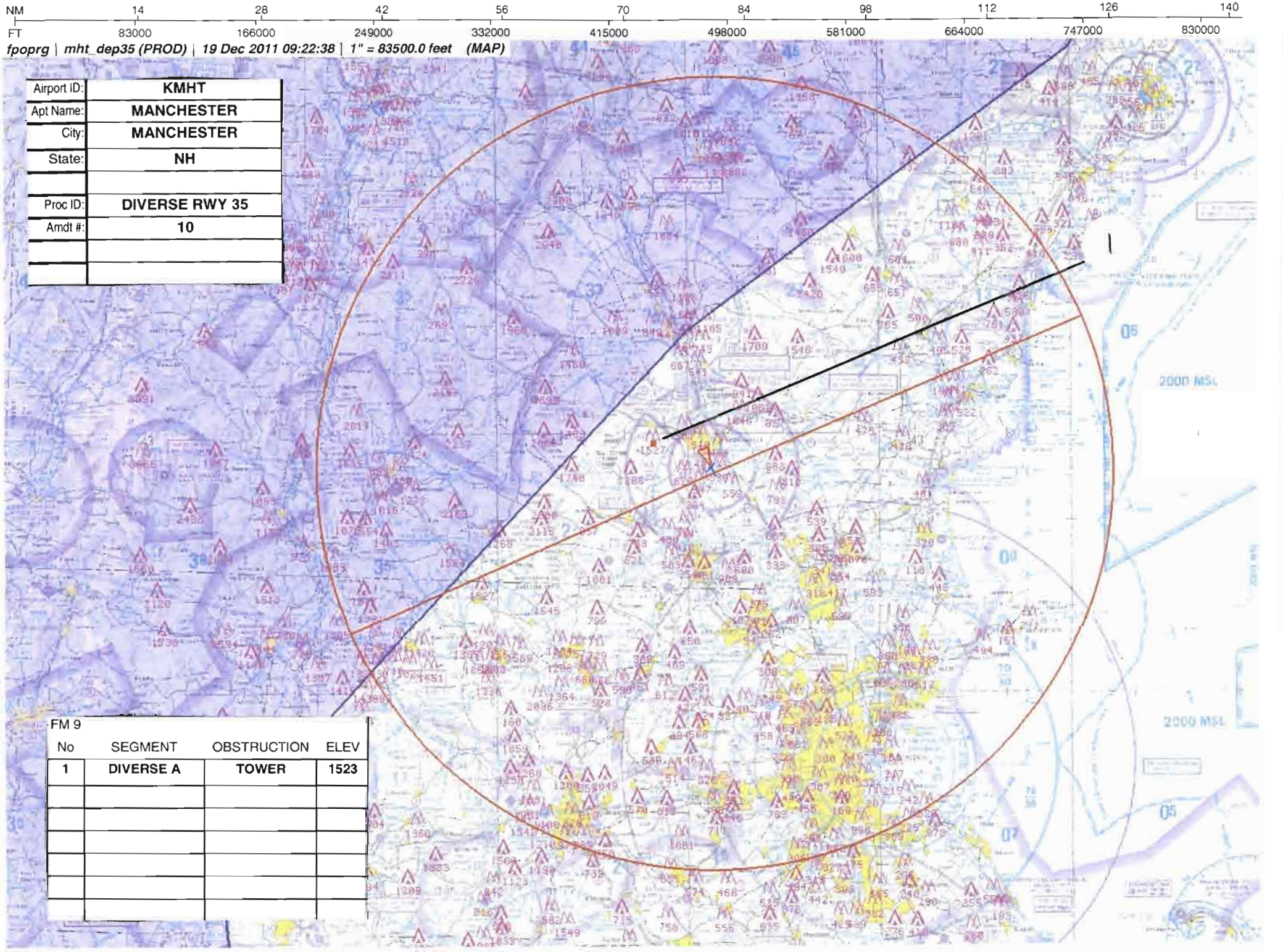
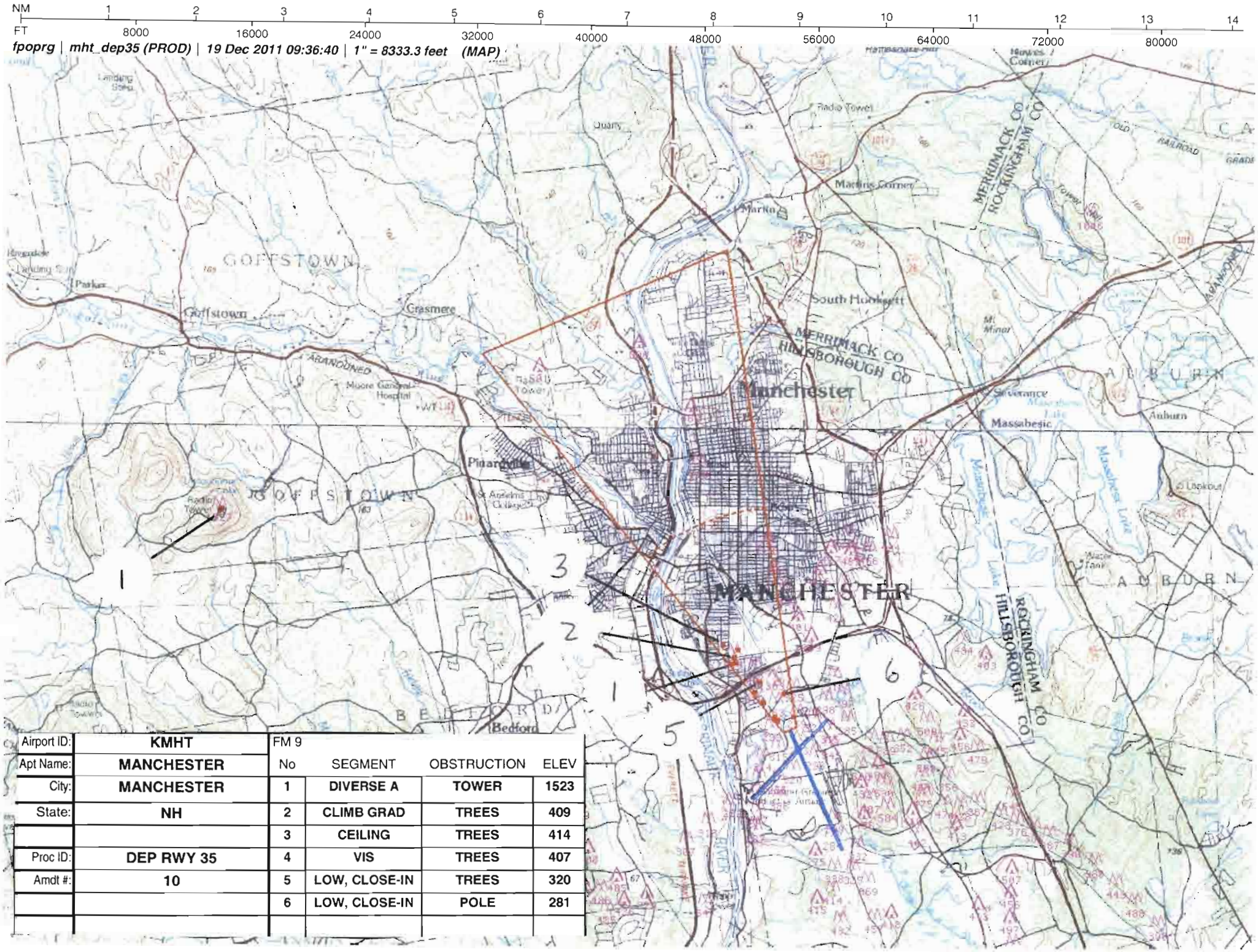
FT 8000 16000 24000 32000 40000 48000 56000 64000 72000 80000
fpoprg | mht_dep24 (PROD) | 15 Dec 2011 13:47:43 | 1" = 8333.3 feet (MAP)
Airport ID: KMHT
Apt Name: MANCHESTER
City: MANCHESTER
State: NH
Proc ID: DEP RWY 24
Amdt #: 10
FM 9
No SEGMENT OBSTRUCTION ELEV
1 DIVERSE A TOWER 1523
2 LOW, CLOSE-IN TREES 293
3 LOW, CLOSE-IN TREES 313
1
2
3
MANCHESTER
ROCKINGHAM CO
HILLSBOROUGH CO
Bedford
Merrimack
Londonderry
Mount Vernon
Amherst
LITCHFIELD STATE FOREST


NM 14 28 42 56 70 84 98 112 126 140
FT 83000 166000 249000 332000 415000 498000 581000 664000 747000 830000
fpoprg | mht_dep35 (PROD) | 19 Dec 2011 09:22:38 | 1" = 83500.0 feet (MAP)
Airport ID: KMHT
Apt Name: MANCHESTER
City: MANCHESTER
State: NH
Proc ID: DIVERSE RWY 35
Amdt #: 10
2000 MSL
2000 MSL
FM 9
No | SEGMENT | OBSTRUCTION | ELEV
1 | DIVERSE A | TOWER | 1523



Airport ID:	KMHT
Apt Name:	MANCHESTER
City:	MANCHESTER
State:	NH
Proc ID:	DEP RWY 35
Amdt #:	10

FM 9

No	SEGMENT	OBSTRUCTION	ELEV
1	DIVERSE A	TOWER	1523
2	CLIMB GRAD	TREES	409
3	CEILING	TREES	414
4	VIS	TREES	407
5	LOW, CLOSE-IN	TREES	320
6	LOW, CLOSE-IN	POLE	281

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.
MANCHESTER, NH	MANCHESTER		10

TAKEOFF MINIMUMS:

RWY 6, 24, STANDARD.

RWY 17, 300-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 277 FT PER NM TO 600.

RWY 35, 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 253 FT PER NM TO 500.

TEXTUAL DEPARTURE PROCEDURES:

RWY 6 – CLIMB HEADING 058.42 TO 1000 BEFORE TURNING RIGHT.

RWY 24 – CLIMB HEADING 245.00 TO 900 BEFORE PROCEEDING ON COURSE.

RWY 35 – CLIMB HEADING 352.53 TO 1300 BEFORE PROCEEDING ON COURSE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 6, POLE AND TREES BEGINNING 67 FT FROM DER, 162 FT LEFT OF CENTERLINE, UP TO 107 FT AGL/313 FT MSL. FENCE AND TREES BEGINNING 6 FT FROM DER, 90 FT RIGHT OF CENTERLINE, UP TO 72 FT AGL/272 FT MSL.

NOTE: RWY 17, BUILDINGS AND TREES BEGINNING 1792 FT FROM DER, 54 FT LEFT OF CENTERLINE, UP TO 107 FT AGL/418 FT MSL. TRANSMISSION LINE TOWER, POLES, BUILDINGS, AND TREES BEGINNING 761 FT FROM DER, 4 FT RIGHT OF CENTERLINE, UP TO 90 FT AGL/418 FT MSL. POLE 5563 FT FROM DER, 92 FT LEFT OF CENTERLINE, 57 FT AGL/457 FT MSL.

NOTE: RWY 24, POLE AND TREES BEGINNING 221 FT FROM DER, 243 FT LEFT OF CENTERLINE, UP TO 119 FT AGL/293 FT MSL. TREES BEGINNING 2556 FT FROM DER, 1041 FT RIGHT OF CENTERLINE, UP TO 101 FT AGL/313 FT MSL.

NOTE: RWY 35, POLE AND TREES BEGINNING 891 FT FROM DER, 527 FT LEFT OF CENTERLINE, UP TO 76 FT AGL/320 FT MSL. POLES AND TREES BEGINNING 719 FT FROM DER, 558 FT RIGHT OF CENTERLINE, UP TO 44 FT AGL/281 FT MSL. TREES 5933 FT FROM DER, 1950 FT LEFT OF CENTERLINE, UP TO 76 FT AGL/409 FT MSL. TREES 1.0 NM FROM DER, 1581 FT LEFT OF CENTERLINE, UP TO 60 FT AGL/414 FT MSL. TREES 1.2 NM FROM DER, 1946 FT LEFT OF CENTERLINE, UP TO 85 FT AGL/407 FT MSL.

CONTROLLING OBSTACLES:

RWY 17: 457 FT MSL POLE 425416.52N/0712501.99W.

RWY 35: 409 FT MSL TREES 425716.44N/0712718.29W. 414 FT MSL TREES 425720.64N/0712715.36W. 407 FT MSL TREES 425729.22N/0712725.78W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:
RWY 6 – 789 FT MSL AAO 425822.72N/0712137.11W.

RWY 24 – 1523 FT MSL TOWER 425854.70N/0713519.50W.

RWY 35 – 1523 FT MSL TOWER 425854.70N/0713519.50W.

REMARKS:

RWY 24 DEPARTURE COURSE OFFSET 7 DEGREES FROM DEPARTURE CENTERLINE PER 2007 FLIGHT INSPECTION RECOMMENDATION DUE TO THE PROXIMITY OF A 547 MSL TOWER (33-000006) TO THE EDGE OF THE OBSTACLE IDENTIFICATION SURFACE (80 FEET). INCREASES SAFETY MARGIN FOR LIGHT AIRCRAFT DEPARTING IN CROSSWIND CONDITIONS.

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.
MANCHESTER, NH	MANCHESTER		10

FLIGHT INSPECTED BY:

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

PETER R. GUIMOND AJV-352 12/30/2011

APPROVED BY:

DARRYEL ADAMS AJV-352

COORDINATED WITH:

ATA, ALPA, APA, AOPA, NBAA, ZBW, BOS APP CON, MHT ATCT, ARPT MGR

CHANGES:

1. AMENDED TAKEOFF OBSTACLE NOTES FOR ALL RWYS.
2. REFORMATTED CONTROLLING OBSTACLES FOR RWY 6, 24, AND 35.

REASONS:

1. NEW OBSTACLE STUDY. FORMATTED IAW FAAO 8260.46 AND CURRENT DOCUMENTATION POLICY.
2. CREATED "OBSTACLES MANDATING ODP ROUTE DEVELOPMENT" SECTION IAW FAAO 8260.46.