

Flight Procedures Cover Page	Task Action: FLIGHT CHECK	Task Type: SID	Estimated Chart Date: 08/12/2021	APWS Task ID: 0F71E5875F3044D88010E47771AF8EAB	APWS Project ID: 6A0DAAD8CB0F408AA58E7FB0116C366E
Procedure: SID PPORT FOUR (RNAV)		Enroute: YES	Specialist: Cappabianco, Anthony		Agreement Number:
Airport ID: KMHT		Airport City: MANCHESTER			State: NH
Facility ID:	Facility Type:	Flight Inspection Remark Type: New FC Slot			
<div> <div>Procedure Comments: CONTACT JOHN BORDY 405-954-0980.</div> <div> <div>QUALITY 41 CHECKED</div> <div>QUALITY 8 CHECKED</div> </div> </div>					

<b>FIPC DME/DME FORM</b>						
<b>PROCEDURE:</b> SID PPORT FOUR (RNAV)			<b>AIRPORT NAME:</b> MANCHESTER		<b>AIRPORT ID:</b> KMHT	<b>SPECIAL CONTROL NO:</b> YG-04-188-21
<b>FAC ID:</b> PPORT4		<b>CITY:</b> MANCHESTER			<b>ST:</b> NH	<b>ORIG CHART DATE:</b> 08/12/2021
<b>DFL TYPE:</b> PROC/D	<b>THIRD PARTY:</b> <input type="checkbox"/> YES	<b>EST. TIME ON SITE:</b> 3.0	<b>REIMB. NUMBER:</b> AC0721	<b>PTS TASK ID:</b>		
<b>PREFLIGHT NOTES</b>						
<b>REVIEWER:</b>					<b>DATE:</b>	
<b>COMMENTS:</b>					<b>CHECK ONE:</b> <input type="checkbox"/> FLT CK REQ <input type="checkbox"/> NFCR <input type="checkbox"/> REJECT	
					<b>YES</b>	<b>NO</b>
					<b>CPV COMPLETE?</b> <input checked="" type="checkbox"/> X	
<b>PROCEDURE RESULTS</b>						
<b>INSPECTION DATE:</b> 06/09/2021	<b>CREW #:</b> VN422	<b>N #:</b> N79	<b>INSTRUMENT PROCEDURE STATUS:</b> <input checked="" type="checkbox"/> SAT <input type="checkbox"/> SAT W/CHANGES <input type="checkbox"/> UNSAT		<b>ARINC CODING:</b> <input type="checkbox"/> SAT <input checked="" type="checkbox"/> SAT/GOLD <input type="checkbox"/> UNSAT	
<b>FLIGHT INSPECTOR SIGNATURE:</b> daniel kirby @ 06/28/2021 08:35			<b>PRINTED NAME:</b> KIRBY, DANIEL WILLIAM			<b>NOTAM INITIATED?</b> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>FLIGHT INSPECTOR REMARKS:</b>						
<b>DME/DME STATUS:</b> <input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT		<b>SPECIALIST SIGNATURE:</b> steven s-ctr rager @ 06/30/2021 07:52			<b>PRINTED NAME:</b> Steven Rager	
<b>SPECIALIST REMARKS:</b> Segments recorded by Flight Inspection or verified by TARGETS DME prediction-modeling tool under the KMHT PPORT4 SID received DME's as modeled and are suitable for navigation using DME/DME/IRU. Segment(s) flown were: TYLIR - CCC.						
<b>IN-FLIGHT OBSTACLE REPORT</b>						
<b>OBSTRUCTION ID #:</b>	<b>COORDINATES OR LOCATION:</b>	<b>GNSS ALTITUDE (MSL):</b>	<b>BAROMETRIC ALTITUDE (MSL):</b>	<b>HEIGHT ABOVE GROUND LEVEL:</b>		

<b>FIPC DME/DME FORM</b>							
<b>PROCEDURE:</b> SID PPORT FOUR (RNAV)			<b>AIRPORT NAME:</b> MANCHESTER		<b>AIRPORT ID:</b> KMHT	<b>SPECIAL CONTROL NO:</b> YG-04-188-21	
<b>FAC ID:</b> PPORT4		<b>CITY:</b> MANCHESTER			<b>ST:</b> NH	<b>ORIG CHART DATE:</b> 08/12/2021	
<b>DFL TYPE:</b> PROC/D	<b>THIRD PARTY:</b> <input type="checkbox"/> YES	<b>EST. TIME ON SITE:</b> 3.0	<b>REIMB. NUMBER:</b> AC0721		<b>PTS TASK ID:</b>		
<b>PREFLIGHT NOTES</b>							
<b>REVIEWER:</b>					<b>DATE:</b>		
<b>COMMENTS:</b>					<b>CHECK ONE:</b>		
					<input type="checkbox"/> FLT CK REQ <input type="checkbox"/> NFCR <input type="checkbox"/> REJECT		
							<b>YES</b>
					<b>CPV COMPLETE?</b>		<b>X</b>
<b>PROCEDURE RESULTS</b>							
<b>INSPECTION DATE:</b> 06/09/2021		<b>CREW #:</b> VN422	<b>N #:</b> N79	<b>INSTRUMENT PROCEDURE STATUS:</b> <input checked="" type="checkbox"/> SAT <input type="checkbox"/> SAT W/CHANGES <input type="checkbox"/> UNSAT		<b>ARINC CODING:</b> <input type="checkbox"/> SAT <input checked="" type="checkbox"/> SAT/GOLD <input type="checkbox"/> UNSAT	
<b>FLIGHT INSPECTOR SIGNATURE:</b> daniel kirby @ 06/28/2021 08:35			<b>PRINTED NAME:</b> KIRBY, DANIEL WILLIAM				<b>NOTAM INITIATED?</b> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>FLIGHT INSPECTOR REMARKS:</b>							
<b>DME/DME STATUS:</b> <input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT		<b>SPECIALIST SIGNATURE:</b>			<b>PRINTED NAME:</b> Steven Rager		
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<b>IN-FLIGHT OBSTACLE REPORT</b>							
<b>OBSTRUCTION ID #:</b>	<b>COORDINATES OR LOCATION:</b>		<b>GNSS ALTITUDE (MSL):</b>		<b>BAROMETRIC ALTITUDE (MSL):</b>		<b>HEIGHT ABOVE GROUND LEVEL:</b>

<b>FIPC DME/DME FORM</b>						
<b>PROCEDURE:</b> SID PPORT FOUR (RNAV)			<b>AIRPORT NAME:</b> MANCHESTER		<b>AIRPORT ID:</b> KMHT	<b>SPECIAL CONTROL NO:</b> YG-04-188-21
<b>FAC ID:</b> PPORT4		<b>CITY:</b> MANCHESTER			<b>ST:</b> NH	<b>ORIG CHART DATE:</b> 08/12/2021
<b>DFL TYPE:</b> PROC/D	<b>THIRD PARTY:</b> <input type="checkbox"/> YES	<b>EST. TIME ON SITE:</b> 3.0	<b>REIMB. NUMBER:</b> AC0721	<b>PTS TASK ID:</b>		
<b>PREFLIGHT NOTES</b>						
<b>REVIEWER:</b>					<b>DATE:</b>	
<b>COMMENTS:</b>					<b>CHECK ONE:</b> <input type="checkbox"/> FLT CK REQ <input type="checkbox"/> NFCR <input type="checkbox"/> REJECT <div style="display: flex; justify-content: space-between; border-top: 1px solid black; margin-top: 5px;"> <span></span> <span>YES</span> <span>NO</span> </div>	
					<b>CPV COMPLETE?</b> <input checked="" type="checkbox"/> X	
<b>PROCEDURE RESULTS</b>						
<b>INSPECTION DATE:</b> 06/09/2021	<b>CREW #:</b> VN422	<b>N #:</b> N79	<b>INSTRUMENT PROCEDURE STATUS:</b> <input checked="" type="checkbox"/> SAT <input type="checkbox"/> SAT W/CHANGES <input type="checkbox"/> UNSAT		<b>ARINC CODING:</b> <input checked="" type="checkbox"/> SAT <input type="checkbox"/> SAT/GOLD <input type="checkbox"/> UNSAT	
<b>FLIGHT INSPECTOR SIGNATURE:</b> daniel kirby @ 06/15/2021 11:18			<b>PRINTED NAME:</b> KIRBY, DANIEL WILLIAM			<b>NOTAM INITIATED?</b> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>FLIGHT INSPECTOR REMARKS:</b>						
<b>DME/DME STATUS:</b> <input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT		<b>SPECIALIST SIGNATURE:</b> steven s-ctr rager @ 06/17/2021 07:33			<b>PRINTED NAME:</b> Steven Rager	
<b>SPECIALIST REMARKS:</b> Segments recorded by Flight Inspection or verified by TARGETS DME prediction-modeling tool under the KMHT PPORT4 SID received DME's as modeled and are suitable for navigation using DME/DME/IRU. Segment(s) flown were: TYLIR - CCC.						
<b>IN-FLIGHT OBSTACLE REPORT</b>						
<b>OBSTRUCTION ID #:</b>	<b>COORDINATES OR LOCATION:</b>	<b>GNSS ALTITUDE (MSL):</b>	<b>BAROMETRIC ALTITUDE (MSL):</b>	<b>HEIGHT ABOVE GROUND LEVEL:</b>		

<b>FIPC DME/DME FORM</b>						
<b>PROCEDURE:</b> SID PPORT FOUR (RNAV)			<b>AIRPORT NAME:</b> MANCHESTER		<b>AIRPORT ID:</b> KMHT	<b>SPECIAL CONTROL NO:</b> YG-04-188-21
<b>FAC ID:</b> PPORT4		<b>CITY:</b> MANCHESTER			<b>ST:</b> NH	<b>ORIG CHART DATE:</b> 08/12/2021
<b>DFL TYPE:</b> PROC/D	<b>THIRD PARTY:</b> <input type="checkbox"/> YES	<b>EST. TIME ON SITE:</b> 3.0	<b>REIMB. NUMBER:</b> AC0721	<b>PTS TASK ID:</b>		
<b>PREFLIGHT NOTES</b>						
<b>REVIEWER:</b>					<b>DATE:</b>	
<b>COMMENTS:</b>					<b>CHECK ONE:</b> <input type="checkbox"/> FLT CK REQ <input type="checkbox"/> NFCR <input type="checkbox"/> REJECT	
					<b>YES</b>	<b>NO</b>
					<b>CPV COMPLETE?</b> <input checked="" type="checkbox"/> X	
<b>PROCEDURE RESULTS</b>						
<b>INSPECTION DATE:</b> 06/09/2021	<b>CREW #:</b> VN422	<b>N #:</b> N79	<b>INSTRUMENT PROCEDURE STATUS:</b> <input checked="" type="checkbox"/> SAT <input type="checkbox"/> SAT W/CHANGES <input type="checkbox"/> UNSAT		<b>ARINC CODING:</b> <input checked="" type="checkbox"/> SAT <input type="checkbox"/> SAT/GOLD <input type="checkbox"/> UNSAT	
<b>FLIGHT INSPECTOR SIGNATURE:</b> daniel kirby @ 06/15/2021 11:18			<b>PRINTED NAME:</b> KIRBY, DANIEL WILLIAM			<b>NOTAM INITIATED?</b> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>FLIGHT INSPECTOR REMARKS:</b>						
<b>DME/DME STATUS:</b> <input type="checkbox"/> SAT <input type="checkbox"/> UNSAT		<b>SPECIALIST SIGNATURE:</b>			<b>PRINTED NAME:</b>	
<b>SPECIALIST REMARKS:</b>						
<b>IN-FLIGHT OBSTACLE REPORT</b>						
<b>OBSTRUCTION ID #:</b>	<b>COORDINATES OR LOCATION:</b>	<b>GNSS ALTITUDE (MSL):</b>	<b>BAROMETRIC ALTITUDE (MSL):</b>	<b>HEIGHT ABOVE GROUND LEVEL:</b>		

## PORT FOUR DEPARTURE (RNAV)

ATIS 119.55  
CLNC DEL  
135.9  
GND CON  
121.9  
MANCHESTER TOWER  
121.3 239.025  
BOSTON DEP CON  
124.9 269.075

**TOP ALTITUDE:**  
**3000**

TAKEOFF MINIMUMS:

Rwys 6, 17, 35: Standard with minimum climb of 325' per NM to 3000.

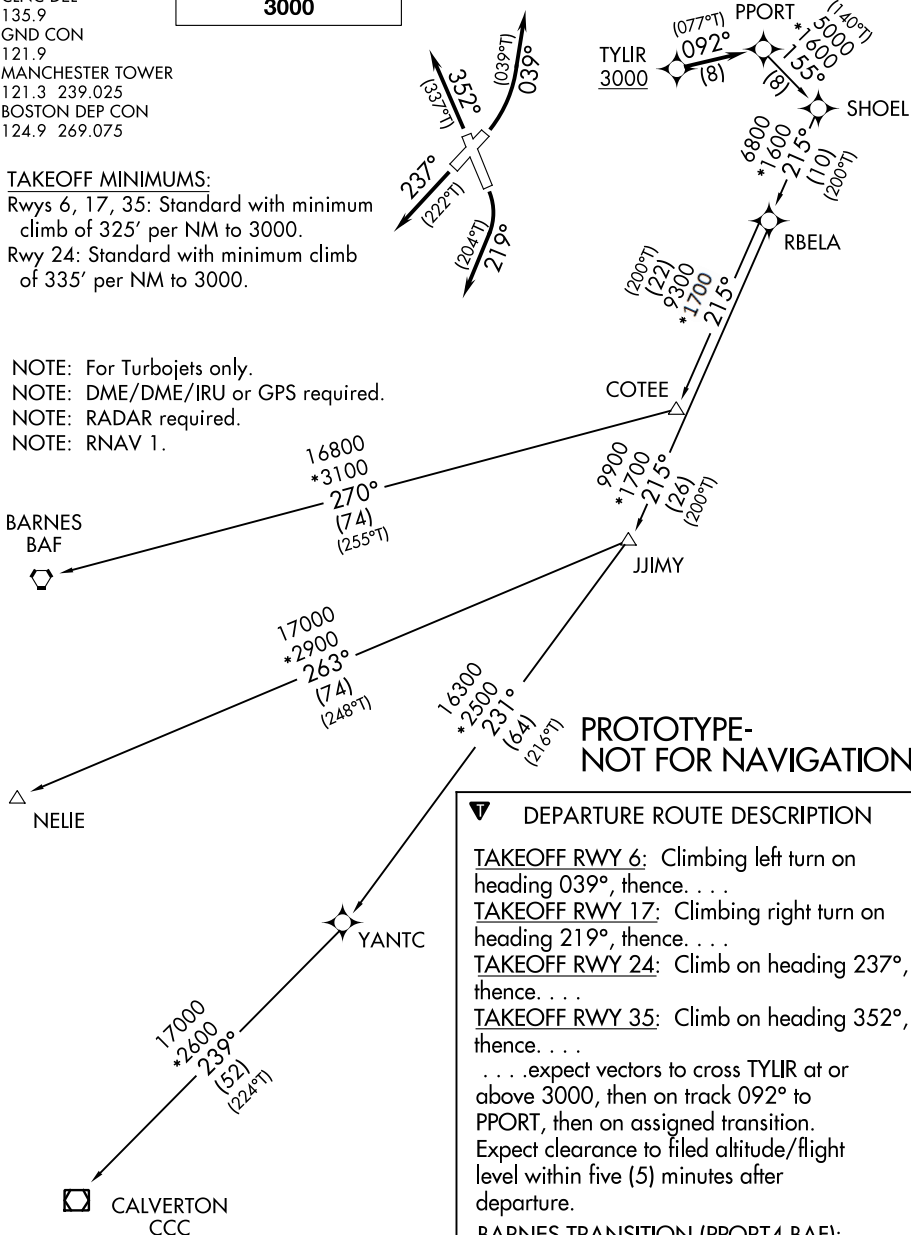
Rwy 24: Standard with minimum climb  
of 335' per NM to 3000.

NOTE: For Turbojets only.

NOTE: DME/DME/IRU or GPS required.

NOTE: RADAR required.

NOTE: RNAV 1.



NOTE: Chart not to scale.

## DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 6: Climbing left turn on heading 039°, thence. . . .

**TAKEOFF RWY 17:** Climbing right turn on heading  $219^{\circ}$ , thence. . .

**TAKEOFF RWY 24:** Climb on heading 237°, thence...

TAKEOFF RWY 35: Climb on heading 352°, thence. . .

... expect vectors to cross TYLIR at or above 3000, then on track 092° to PPORT, then on assigned transition. Expect clearance to filed altitude/flight level within five (5) minutes after departure.

BARNES TRANSITION (PPORT4.BAF):

CALVERTON TRANSITION (PPORT4.CCC):

NELIE TRANSITION (PPORT4.NELIE):

(PPOINT3.PPOINT) 17229

AL-246 (FAA)

# POINT THREE DEPARTURE (RNAV)

**OLD**

MANCHESTER (MHT)  
MANCHESTER, NEW HAMPSHIRE

ATIS 119.55  
CLNC DEL  
135.9  
GND CON  
121.9  
MANCHESTER TOWER  
121.3 239.025  
BOSTON DEP CON  
124.9 269.075

**TOP ALTITUDE:  
3000**

## TAKEOFF MINIMUMS:

Rwy 6: Standard with minimum  
climb of 321' per NM to 3000.

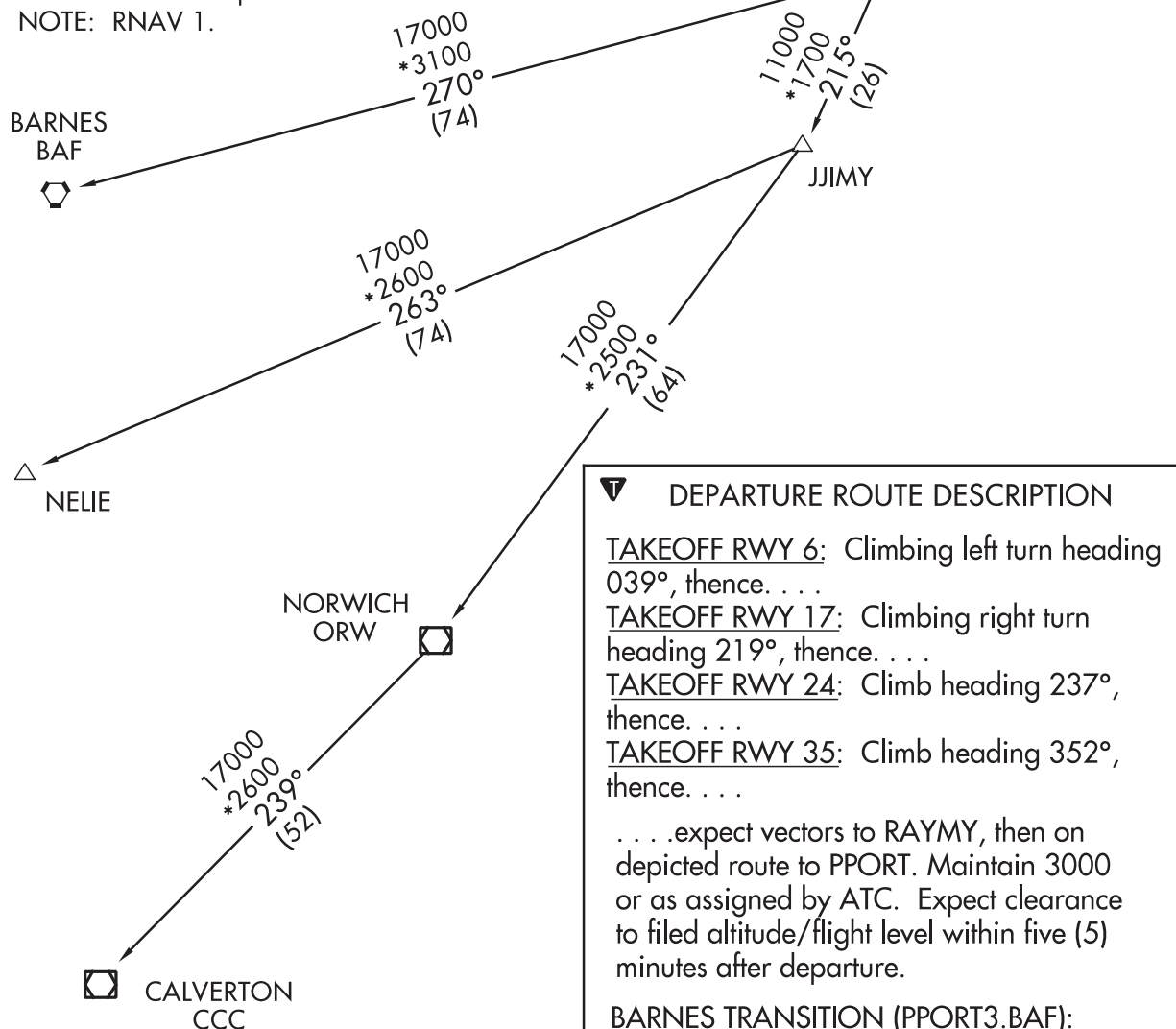
Rwys 17, 24, 35: Standard with  
minimum climb of 320' per NM to 3000.

NOTE: For Turbojets only.

NOTE: DME/DME/IRU or GPS required.

NOTE: RADAR required.

NOTE: RNAV 1.



## DEPARTURE ROUTE DESCRIPTION

**TAKEOFF RWY 6:** Climbing left turn heading 039°, thence. . . .

**TAKEOFF RWY 17:** Climbing right turn heading 219°, thence. . . .

**TAKEOFF RWY 24:** Climb heading 237°, thence. . . .

**TAKEOFF RWY 35:** Climb heading 352°, thence. . . .

. . . expect vectors to RAYMY, then on depicted route to PPOINT. Maintain 3000 or as assigned by ATC. Expect clearance to filed altitude/flight level within five (5) minutes after departure.

**BARNES TRANSITION (PPOINT3.BAF):**

**CALVERTON TRANSITION (PPOINT3.CCC):**

**NELIE TRANSITION (PPOINT3.NELIE):**

NOTE: Chart not to scale.

NE-1, 31 DEC 2020 to 28 JAN 2021

NE-1, 31 DEC 2020 to 28 JAN 2021

# POINT THREE DEPARTURE (RNAV)

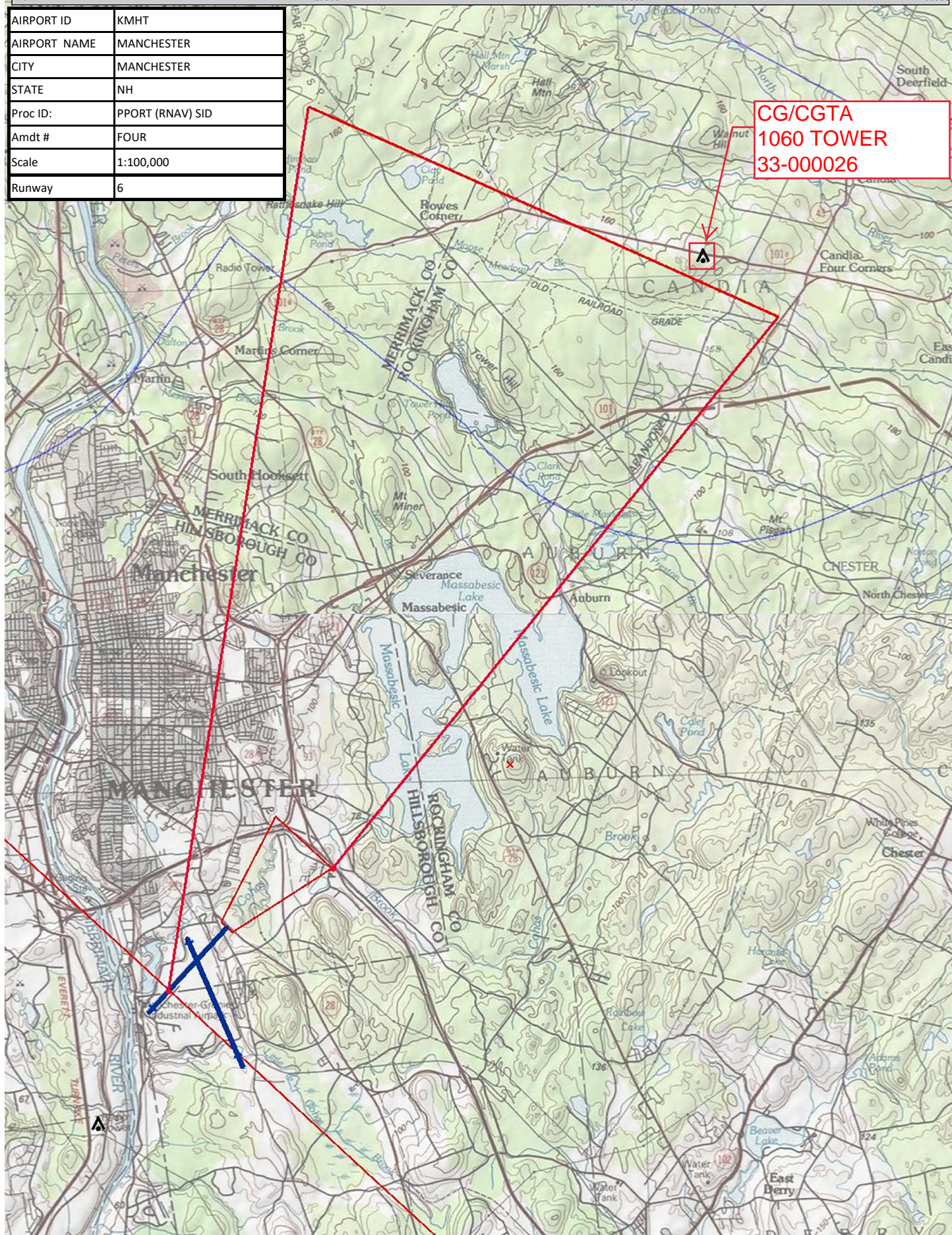
(PPOINT3.PPOINT) 17AUG17

MANCHESTER, NEW HAMPSHIRE  
MANCHESTER (MHT)



AIRPORT ID	KMHT
AIRPORT NAME	MANCHESTER
CITY	MANCHESTER
STATE	NH
Proc ID:	PPOINT (RNAV) SID
Amdt #	FOUR
Scale	1:100,000
Runway	6

CG/CGTA  
1060 TOWER  
33-000026

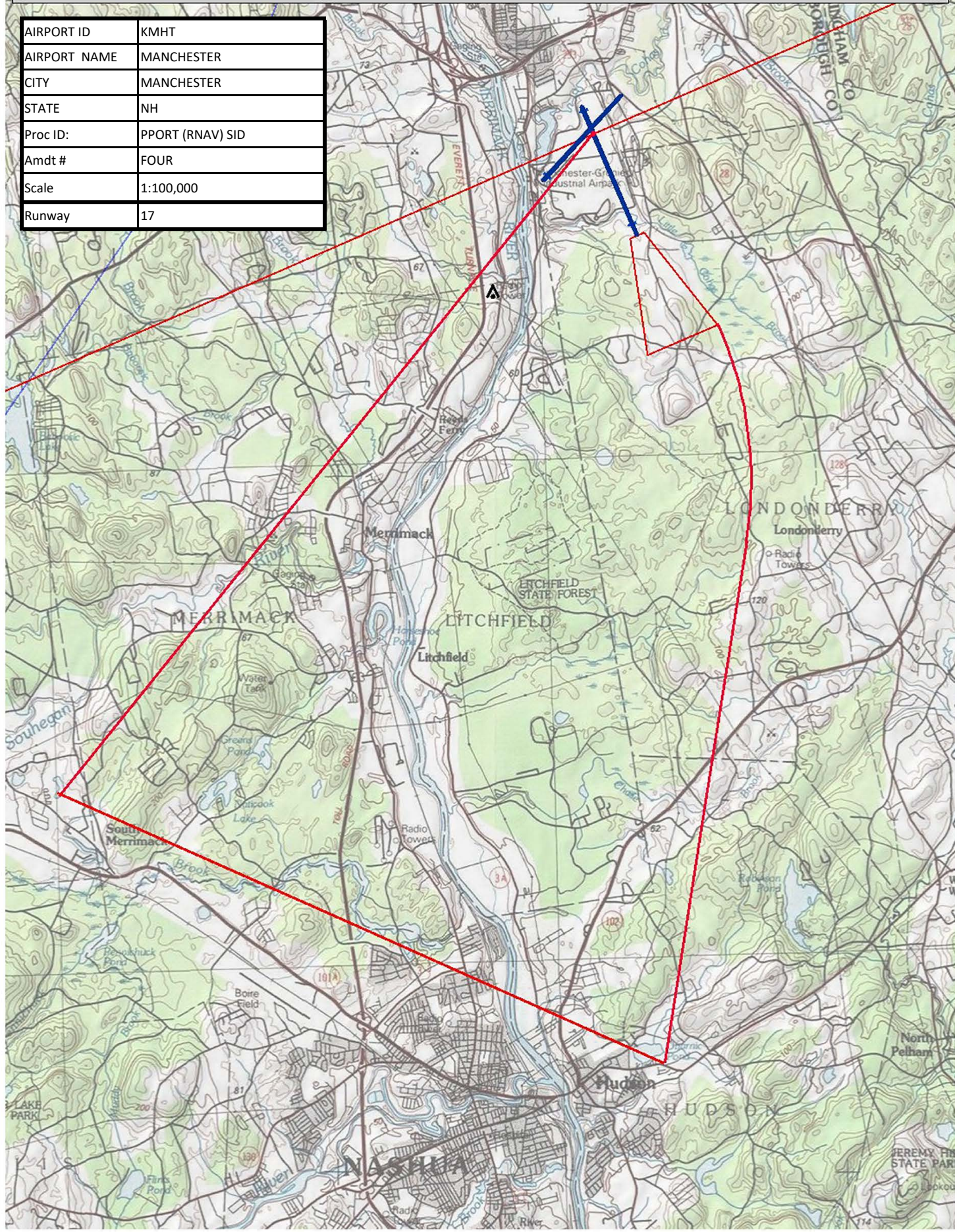








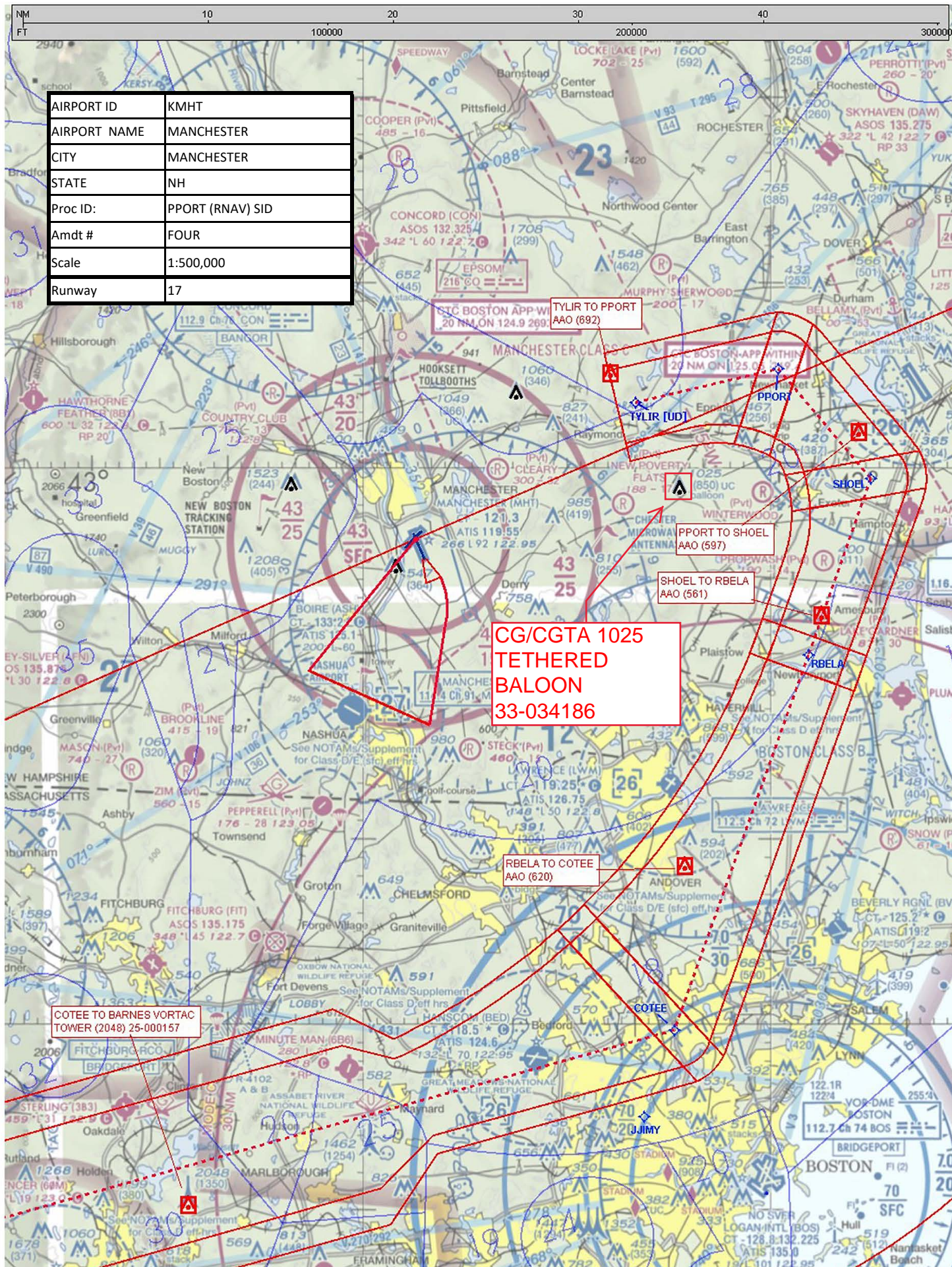
AIRPORT ID	KMHT
AIRPORT NAME	MANCHESTER
CITY	MANCHESTER
STATE	NH
Proc ID:	PPOINT (RNAV) SID
Amdt #	FOUR
Scale	1:100,000
Runway	17



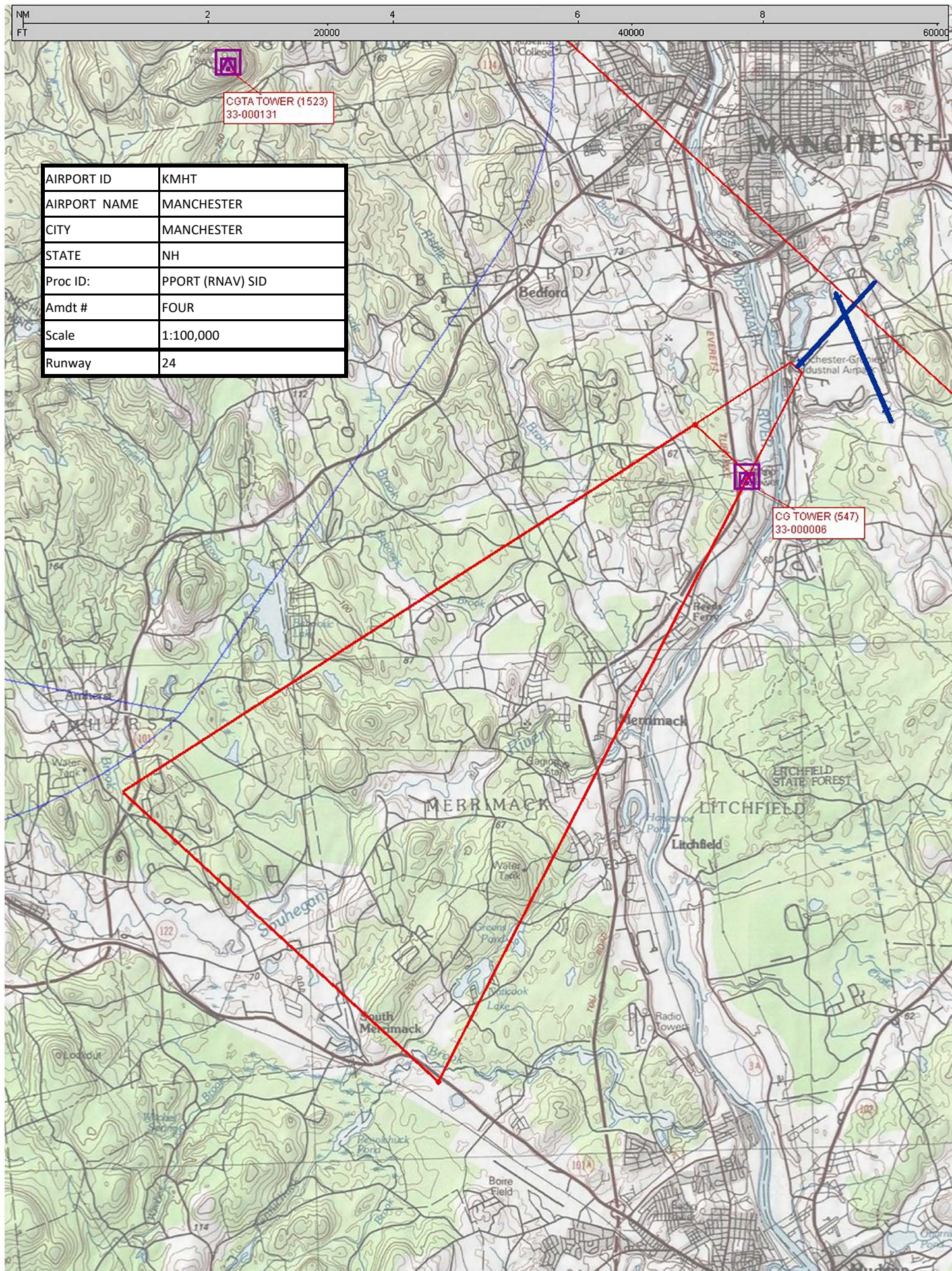




AIRPORT ID	KMHT
AIRPORT NAME	MANCHESTER
CITY	MANCHESTER
STATE	NH
Proc ID:	PPORT (RNAV) SID
Amdt #	FOUR
Scale	1:500,000
Runway	17





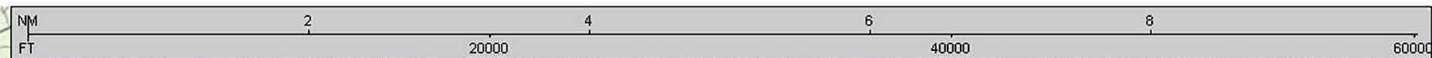


AIRPORT ID	KMHT
AIRPORT NAME	MANCHESTER
CITY	MANCHESTER
STATE	NH
Proc ID:	PPOINT (RNAV) SID
Amdt #	FOUR
Scale	1:100,000
Runway	24

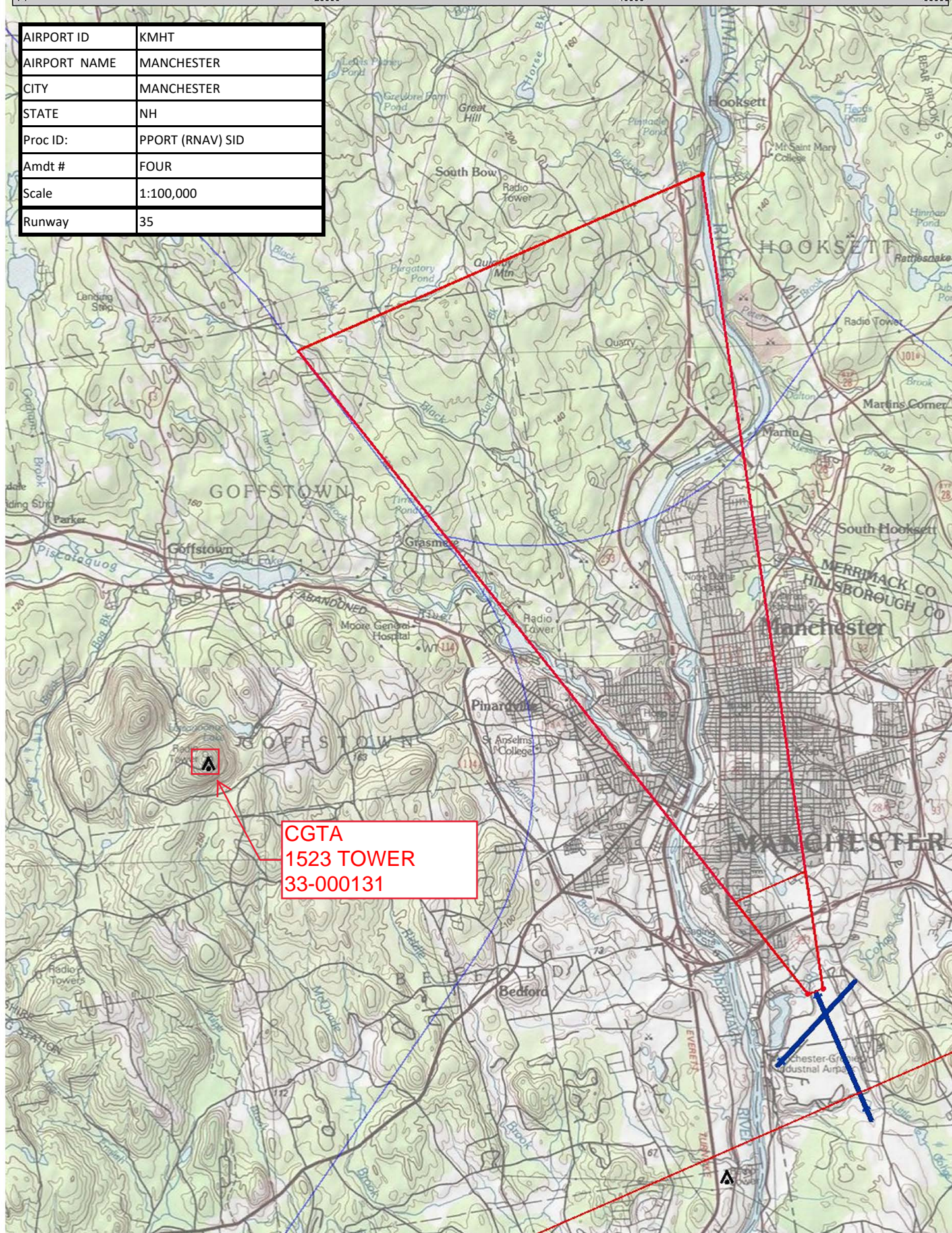








AIRPORT ID	KMHT
AIRPORT NAME	MANCHESTER
CITY	MANCHESTER
STATE	NH
Proc ID:	PPOINT (RNAV) SID
Amdt #	FOUR
Scale	1:100,000
Runway	35





AIRPORT ID	KMHT
AIRPORT NAME	MANCHESTER
CITY	MANCHESTER
STATE	NH
Proc ID:	PPORT (RNAV) SID
Amdt #	FOUR
Scale	1:500,000
Runway	35

**CG**  
1060 TOWER  
33-000026

**CGTA**  
1523 TOWER  
33-000131

**COTEE TO BARNES VORTAC**  
TOWER (2048) 25-000157

**TYLIR TO PPORT**  
AAO (692)

**PPORT TO SHOEL**  
AAO (597)

**SHOEL TO RBELA**  
AAO (561)

**RBELA TO COTEE**  
AAO (620)

CGTA  
1523 TOWER  
33-000131

COTEE TO BARNES VORTAC  
TOWER (2048) 25-000157

RBELA TO COTE  
AAO (620)

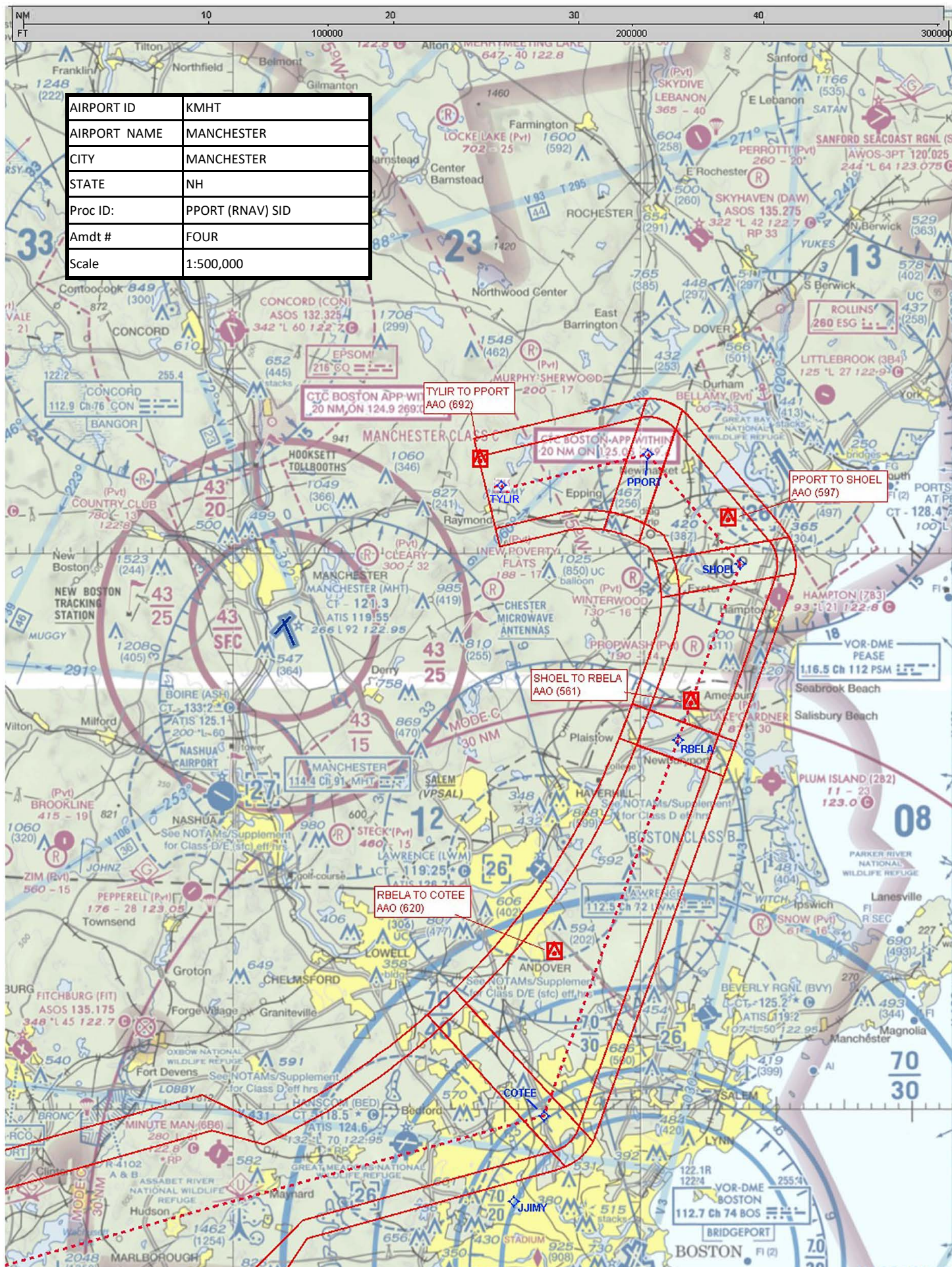
REPORT TO SHOEL  
AAO (597)

SHOEL TO RBELA  
AAO (561)

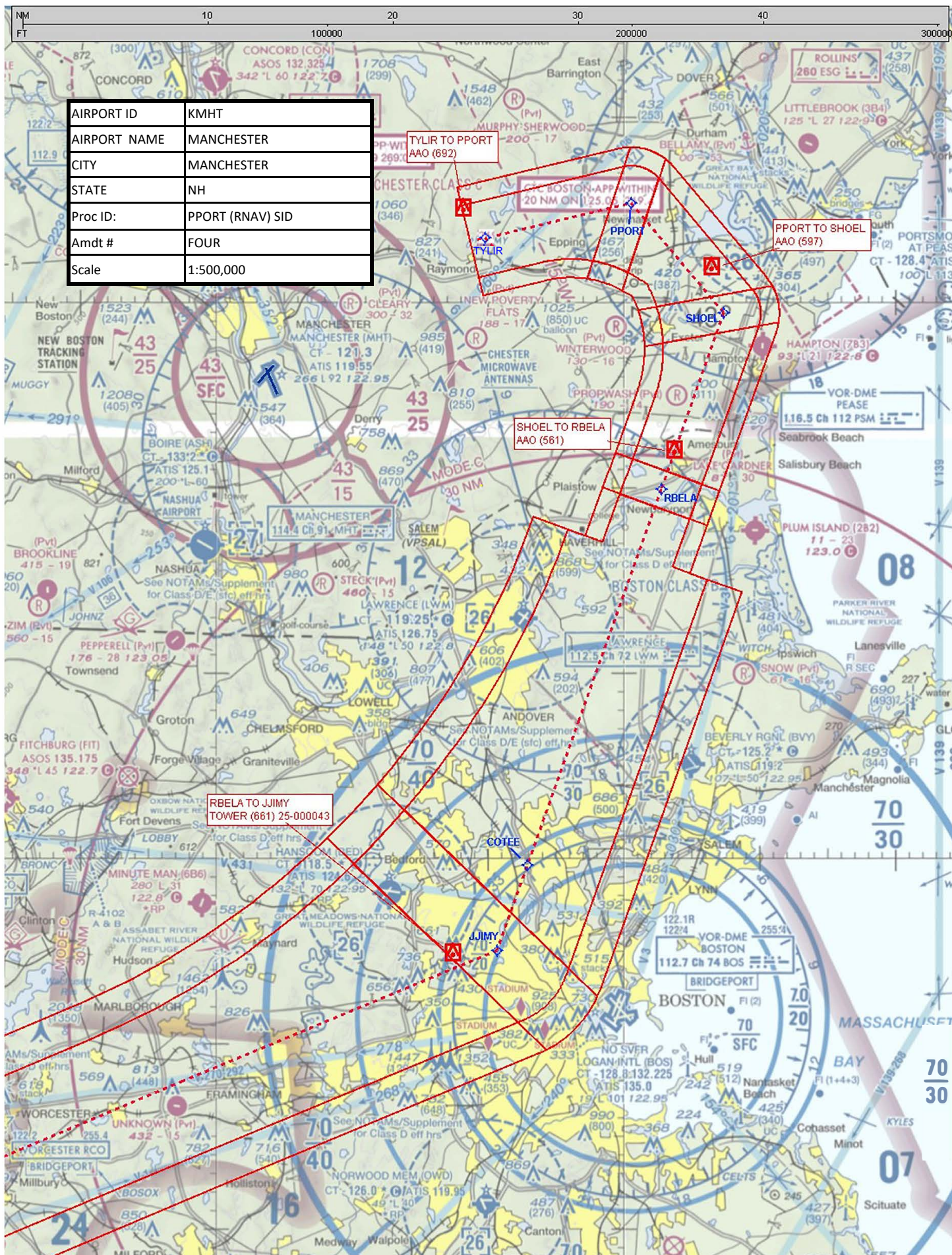
TYLIR TO PPORT  
AAO (692)

20 NM ON 125.05 219.4









AIRPORT ID	KMHT
AIRPORT NAME	MANCHESTER
CITY	MANCHESTER
STATE	NH
Proc ID:	PPORT (RNAV) SID
Amdt #	FOUR
Scale	1:500,000

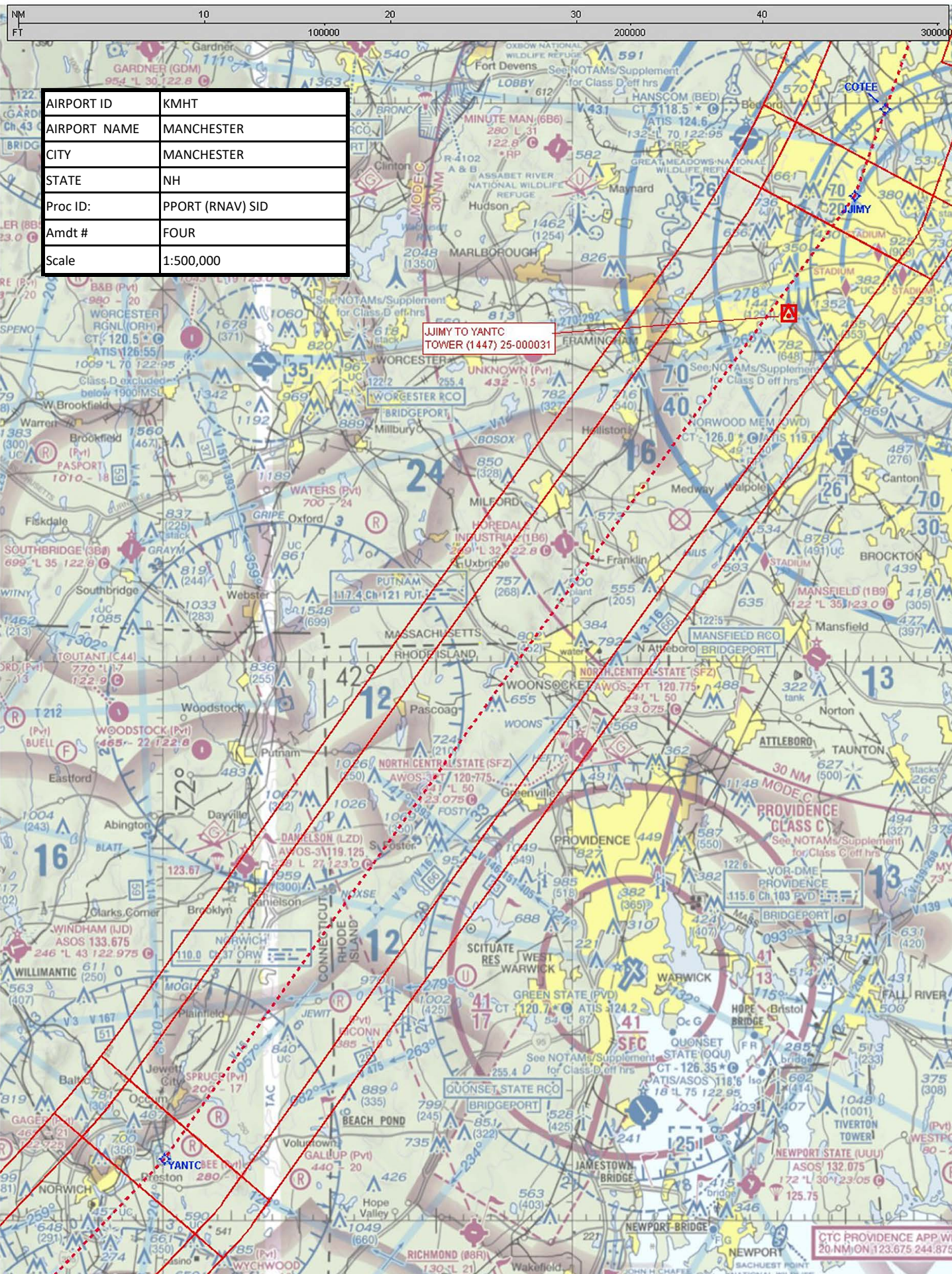


AIRPORT ID	KMHT
AIRPORT NAME	MANCHESTER
CITY	MANCHESTER
STATE	NH
Proc ID:	PPORT (RNAV) SID
Amdt #	FOUR
Scale	1:600,000



AIRPORT ID	KMHT
AIRPORT NAME	MANCHESTER
CITY	MANCHESTER
STATE	NH
Proc ID:	PPORT (RNAV) SID
Amdt #	FOUR
Scale	1:600,000











# Federal Aviation Administration Categorical Exclusion Declaration

**Date:** 12/03/20

**IFP:** Newton, Carl (carl.v.newton@faa.gov)

**Airport Contact:** -

**Request ID:** KMHT\_20121

**Single or Multiple Procedure:** Single

**Procedure Name(s):** PPORT FOUR (RNAV)

**Procedure Request Description:**

Remove PEASE VOR/DME (PSM) from the chart.

Remove NORWICH VOR/DME (ORW) from chart. Replace with YANTC WP at the same location

Procedure Benefit: Due to the decommissioning of ORW and PSM VOR/DME

Procedure Need: Due to the decommissioning of ORW and PSM VOR/DME

## Declaration of Exclusion:

The FAA has reviewed the above referenced proposed action and it has been determined, by the undersigned, to be categorically excluded from further environmental documentation according to FAA Order 1050.1, "Environmental Impacts: Policies and Procedures." The implementation of this action will not result in any extraordinary circumstances in accordance with FAA Order 1050.1.

## Basis for this Determination:

This review was conducted in accordance with policies and procedures in Department of Transportation Order 5610.1, "Procedures for Considering Environmental Impacts" and FAA Order 1050.1.

## The applicable Categorical Exclusion is:

**5-6.5.k:** Publication of existing air traffic control procedures that do not essentially change existing tracks, create new tracks, change altitude, or change concentration of aircraft on these tracks. (ATO, AVS)

**The above flight procedure has been developed within the accepted parameters.**

Concurrence/Reviewed By:

Veronda Johnson

Date: December 3, 2020

Title:

Environmental Protection Specialist

Approved By:

Charles J. Gibson

Date: December 3, 2020

Title:

Manager, Environmental, CI & NAS Analytics