

1. Request Type: Approval

(BOS) BOSTON, MASSACHUSETTS, GENERAL EDWARD LAWRENCE LOGAN INTL
BLZZR SIX (RNAV) DEPARTURE <https://swims.faa.gov/Procedure/Edit/8262>

Requested By: FAA

PRB Result: Return for Rework

Comments:

1. APPROVAL LETTER: ADD APPROVAL REFERENCE (8260.58C, 5-5-1), ADD OBSTACLE CG/CGTA FOR RWY 4R, RWY 9, AND RWY 27 – IAW 8260.58C, 5-5-1 AND 8260.58C, 5-5-1.C(2)

2. 8260-15B PROCEDURAL DATA NOTES: REMOVE “NOTE: DEPARTURE HDG/RNAV TRACKS ARE PREDICATED ON AVOIDING NOISE SENSITIVE AREAS. FLIGHT CREW AWARENESS AND COMPLIANCE IS IMPORTANT IN MINIMIZING NOISE IMPACTS ON SURROUNDING COMMUNITIES.” – NON-STANDARD NOTE, NO VALUE ADDED TO PROCEDURE

3. 8260-15B: REMOVE “NOTE: RWY 15R: DO NOT EXCEED 210K UNTIL LEAVING 520 FT MSL. NOTE: DO NOT EXCEED 210 KIAS UNTIL PASSING TJAYY. NOTE: DO NOT EXCEED 250 KIAS UNTIL PASSING BRRRO. NOTE: DO NOT EXCEED 250 KIAS UNTIL PASSING CLAWW. NOTE: DO NOT EXCEED 260 KIAS UNTIL PASSING HEWMO.” – NOT REQUIRED DOCUMENTED ON -15C AND PROGRAMED, REDUCES CHART CLUTTER

~~4. 8260-15B FIXES AND/OR NAVAIDS: REMOVE BAF VORTAC, CTR VOR/DME, NELIE, SPENO – THESE FIXES ARE NOT PART OF THE DEPARTURE ROUTE, THIS IS NOT A RADAR SID~~

Administrative Note:

1. 8260-15B REMARKS: RWY 22L – CHANGE “CELING/VISIBILITY MITIGATION” TO “CEILING/VISIBILITY MITIGATION” – TYPO

Flight Procedures Cover Page	Task Action: FLIGHT CHECK	Task Type: SID	Estimated Chart Date: 11/30/2023	APWS Task ID: 75B73C3490894FD5B315DC47A9E43A90	APWS Project ID: 0C506226042C4C6ABBD8C33AA10FCBDE
Procedure: BOS BLZZR SIX (RNAV) SID		Enroute: YES	Specialist: Lindholm, Scott		Agreement Number:
Airport ID: KBOS			Airport City: BOSTON		State: MA
Facility ID:	Facility Type:	Flight Inspection Remark Type: New FC Slot			
<div>Procedure Comments: SID NOISE REDUCTION PROJECT</div> <div>ACTIVE AIRPORT DATA USED.</div> <div>CONTACT ERIC SUSKI (AJV-A431) 405-954-7331</div> <div>APPROVAL LETTER: RWY 4R AND RWY 9 USE NON-STANDARD CLIMB GRADIENTS FOR NOISE SENSITIVE AREAS</div> <div>08/24/23: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 06/08/23.</div> <div>CHANGED ALL REFERENCE TO 519 IN THE DP ROUTE DESCRIPTION, PROCEDURAL DATA NOTES, TAKEOFF MINIMUMS AND THE DEPARTURE (DATA RECORD) SECTIONS TO 520.</div> <div><div>8260-2 CLAWW AND HURBE FIXES</div><div>09/20/2024: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 06/08/2023.</div><div>1. FIX USE: REMOVED SPECIAL IAP RNAV VISUAL RWY 33L.</div><div>2. REQUIRED CHARTING: REMOVED SPECIAL IAP.</div><div>3. REASON FOR REVISION: REMOVED UPDATED CHARTING TO SPECIAL IAP.</div><div>09/22/2023 THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 06/08//2023.</div><div>1. 8260-15B: REMOVED PROCEDURAL DATA NOTE: DEPARTURE HDG/RNAV TRACK PREDICATED ON AVOIDING NOISE SENSITIVE AREAS. FLIGHT CREW AWARENESS AND COMPLIANCE IS IMPORTANT IN MINIMIZING NOISE IMPACTS ON SURROUNDING COMMUNITIES.</div><div>2. 8260-15B: REMOVED THE FOLLOWING PROCEDURAL DATA NOTES: DO NOT EXCEED 210 KIAS UNTIL PASSING TJAYY, DO NOT EXCEED 250 KIAS UNTIL PASSING BRRRO, NO NOT EXCEED 250 KIAS UNTIL PASSING CLAWW, RWY 15R: DO NOT EXCEED 210 KIAS UNTIL LEAVING 520 FT MSL.</div><div>3. APPROVAL REQUEST MEMO, ADDED CONTROLLING OBSTACLES.</div><div>10/17/2023: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 08/25/2023.</div><div>1. 8260-15C: RWY 09 (AER) FIX CLAWW TO FENWY TRUE COURSE CORRECTED TO 106.51.</div></div>					

QUALITY
20
CHECKED

Digitally signed by
ERIC N SUSKI
Sep 20, 2023

J ZEDER 09/20/2023

QUALITY
16
CHECKED

J ZEDER 09/26/2023

QUALITY
16
CHECKED

Digitally signed by
ERIC N SUSKI
Sep 26, 2023

J ZEDER 10/17/2023

QUALITY
16
CHECKED

Digitally signed by
ERIC N SUSKI
Oct 18, 2023

QUALITY
41
CHECKED

FIPC DME/DME FORM									
PROCEDURE: BOS BLZZR SIX (RNAV) SID				AIRPORT NAME: GENERAL EDWARD LAWRENCE		AIRPORT ID: KBOS		SPECIAL CONTROL NO: YG-08-277-23	
FAC ID: BLZZR6			CITY: BOSTON			ST: MA		ORIG CHART DATE: 11/30/2023	
DFL TYPE: PROC/D	THIRD PARTY: <input type="checkbox"/> YES	EST. TIME ON SITE: 1.0	REIMB. NUMBER:		PTS TASK ID: 75B73C3490894FD5B315DC47A9E43A90				
PREFLIGHT NOTES									
REVIEWER: bob s pressler						DATE: 09/15/2023			
COMMENTS:						CHECK ONE:			
						<input type="checkbox"/> FLT CK REQ <input checked="" type="checkbox"/> NFCR <input type="checkbox"/> REJECT			
								YES	NO
						CPV COMPLETE?		X	
PROCEDURE RESULTS									
INSPECTION DATE: 09/15/2023		CREW #: VN137	N #:	INSTRUMENT PROCEDURE STATUS: <input checked="" type="checkbox"/> SAT <input type="checkbox"/> SAT W/CHANGES <input type="checkbox"/> UNSAT			ARINC CODING: <input type="checkbox"/> SAT <input type="checkbox"/> SAT/GOLD <input type="checkbox"/> UNSAT		
FLIGHT INSPECTOR SIGNATURE: bob s pressler @ 09/15/2023 12:42				PRINTED NAME: PRESSLER, ROBERT STEPHEN				NOTAM INITIATED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
FLIGHT INSPECTOR REMARKS: Procedures Table Top -SAT W/ concurrence from Policy.									
DME/DME STATUS: <input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT		SPECIALIST SIGNATURE: steven s-ctr rager @ 09/21/2023 06:21				PRINTED NAME: Steven Rager			
SPECIALIST REMARKS: No Flight Check Required. Procedure table topped. No DME Post Flight Check Analysis necessary.									
IN-FLIGHT OBSTACLE REPORT									
OBSTRUCTION ID #:	COORDINATES OR LOCATION:		GNSS ALTITUDE (MSL):		BAROMETRIC ALTITUDE (MSL):		HEIGHT ABOVE GROUND LEVEL:		

FIPC DME/DME FORM						
PROCEDURE: BOS BLZZR SIX (RNAV) SID			AIRPORT NAME: GENERAL EDWARD LAWRENCE		AIRPORT ID: KBOS	SPECIAL CONTROL NO: YG-08-277-23
FAC ID: BLZZR6		CITY: BOSTON			ST: MA	ORIG CHART DATE: 11/30/2023
DFL TYPE: PROC/D	THIRD PARTY: <input type="checkbox"/> YES	EST. TIME ON SITE: 1.0	REIMB. NUMBER:	PTS TASK ID: 75B73C3490894FD5B315DC47A9E43A90		
PREFLIGHT NOTES						
REVIEWER: bob s pressler					DATE: 09/15/2023	
COMMENTS:					CHECK ONE:	
					<input type="checkbox"/> FLT CK REQ <input checked="" type="checkbox"/> NFCR <input type="checkbox"/> REJECT	
						YES
					CPV COMPLETE?	
					X	
PROCEDURE RESULTS						
INSPECTION DATE: 09/15/2023	CREW #: VN137	N #:	INSTRUMENT PROCEDURE STATUS: <input checked="" type="checkbox"/> SAT <input type="checkbox"/> SAT W/CHANGES <input type="checkbox"/> UNSAT		ARINC CODING: <input type="checkbox"/> SAT <input type="checkbox"/> SAT/GOLD <input type="checkbox"/> UNSAT	
FLIGHT INSPECTOR SIGNATURE: bob s pressler @ 09/15/2023 12:42			PRINTED NAME: PRESSLER, ROBERT STEPHEN			NOTAM INITIATED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
FLIGHT INSPECTOR REMARKS: Procedures Table Top -SAT W/ concurrence from Policy.						
DME/DME STATUS: <input type="checkbox"/> SAT <input type="checkbox"/> UNSAT	SPECIALIST SIGNATURE:				PRINTED NAME:	
SPECIALIST REMARKS:						
IN-FLIGHT OBSTACLE REPORT						
OBSTRUCTION ID #:	COORDINATES OR LOCATION:	GNSS ALTITUDE (MSL):	BAROMETRIC ALTITUDE (MSL):	HEIGHT ABOVE GROUND LEVEL:		



Federal Aviation Administration

Memorandum

Date: 7/24/2023

To: Wade Terrell, Manager, Flight Technologies and Procedures Division THRU: Wayne Radicke, Manager, Flight Procedures and Airspace Group

From: Johnnie Baker III, Manager, Team 3, AJV-A430

Subject: Approval Request: GENERAL EDWARD LAWRENCE LOGAN INTL (KBOS), BLZZR (RNAV) SID

BLZZR (RNAV) STANDARD INSTRUMENT DEPARTURE (SID)
GENERAL EDWARD LAWRENCE LOGAN INTL (KBOS)

Boston Logan International Airport (KBOS) is surrounded by heavily populated communities. In 2016, procedures were developed through collaboration with Massachusetts Institute of Technology to test feasibility of various departure changes that would provide significant noise reductions for surrounding communities. These departure procedures, through an ongoing and continued relationship between MIT and MassPort, were designed to get aircraft as high as possible and as quickly as possible to avoid additional noise within communities. As result, non-standard climb gradients were utilized to facilitate those designs to enable earlier turns away from noise sensitive areas.

Currently the BLZZR (RNAV) SID has these minimums charted and the flying community has had no adverse effects or problems meeting them. Therefore, KBOS is requesting approval to publish the following as the takeoff minimums:

“RWY 4R: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 519.”

“RWY 9: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 519.”

Controlling obstacles IAW 8260.58C, 5-5-1 and 8260.58C, 5-5-1C(2) are as follows:

RWY 4R: NA, CG based on noise study and ATC request

RWY 9: 211 FT MSL Tank 422204.30N/0705803.73W

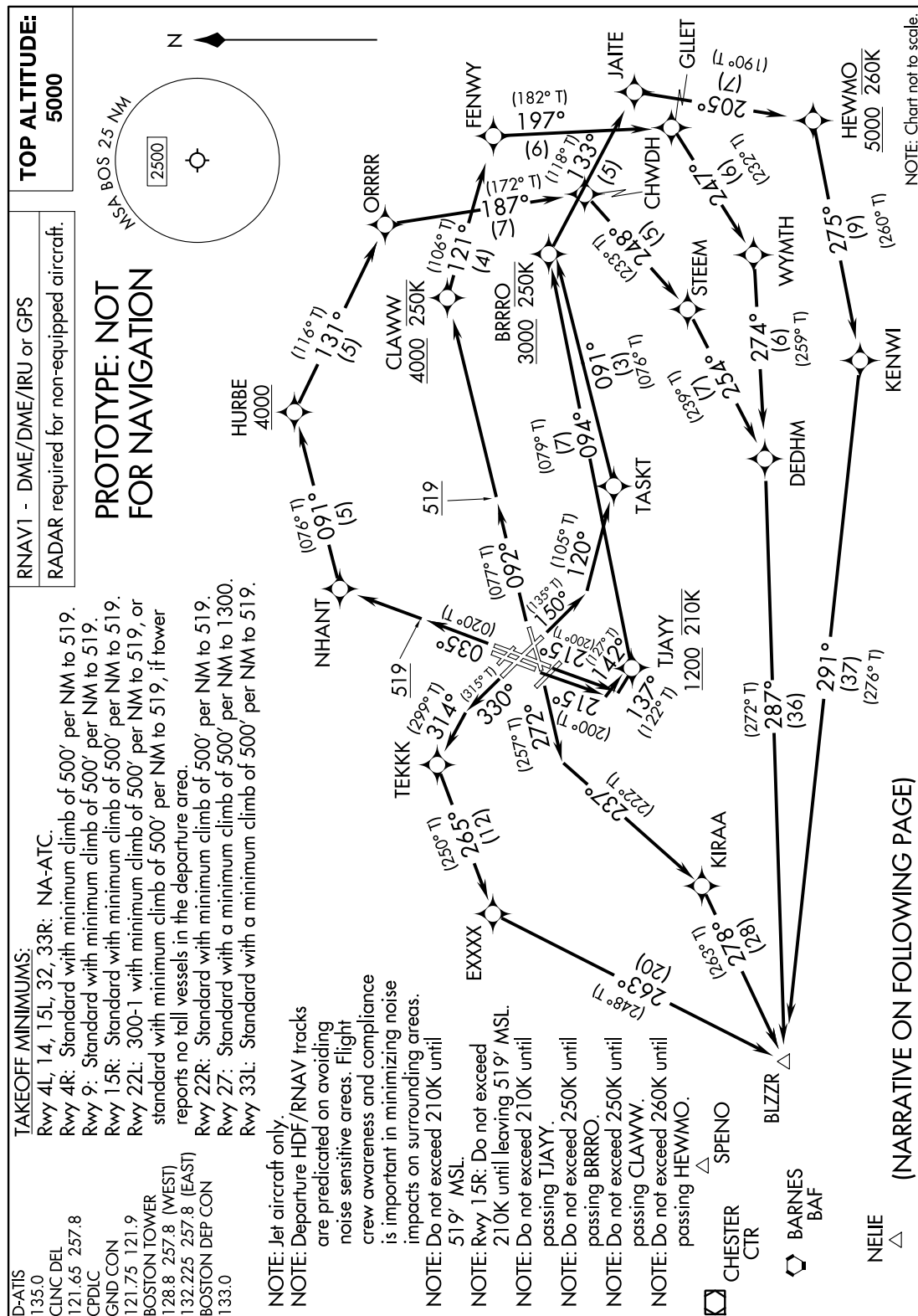
RWY 27: 720 FT MSL Building 422117.13N/0710323.41W (Climb Gradient), 876 FT MSL Tower 422057.45N/0710430.58W (Climb-To Altitude)

BLZZR SIX DEPARTURE (RNAV)

GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)

AL-58 (FAA)

BOSTON, MASSACHUSETTS



AUTOMATED AL-58 BLZZR DEPARTURE (RNAV)

NE-1
27 JUL 2023
COMPILER: CG
REVIEWER:
DBL CHKR:
EFF: FIG

(BLZZR6.BLZZR) FIG

GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)

BLZZR SIX DEPARTURE (RNAV)

AL-58 (FAA)

BOSTON, MASSACHUSETTS



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 4R: Climb on heading 035° to 520, then direct NHANT, then on track 091° to cross HURBE at or above 4000, thence....

TAKEOFF RUNWAY 9: Climb on heading 092° to 520, direct to cross CLAWW at or above 4000 and at or below 250K, thence....

TAKEOFF RUNWAY 15R: Climb on heading 150° to intercept course 120° to TASKT, do not exceed 210K until 519' MSL, thence....

TAKEOFF RUNWAY 22L: Climb on heading 215° to intercept course 137° to TJAYY at or above 1200 and at or below 210K, thence....

TAKEOFF RUNWAY 22R: Climb on heading 215° to intercept course 142° to TJAYY at or above 1200 and at or below 210K, thence....

TAKEOFF RUNWAY 27: Climb on heading 272° to intercept course 237° to KIRAA, thence....

TAKEOFF RUNWAY 33L: Climb on heading 330° to intercept course 314° to TEKKE, thence....

....on depicted route to BLZZR. Maintain 5000. Expect clearance to filed altitude/flight level within ten minutes after departure.

PROTOTYPE: NOT
FOR NAVIGATION

AUTOMATED AL-58 BLZZR DEPARTURE (RNAV)_CONT

NE-1

27 JUL 2023

COMPILER: CG

REVIEWER:

DBL CHKR:

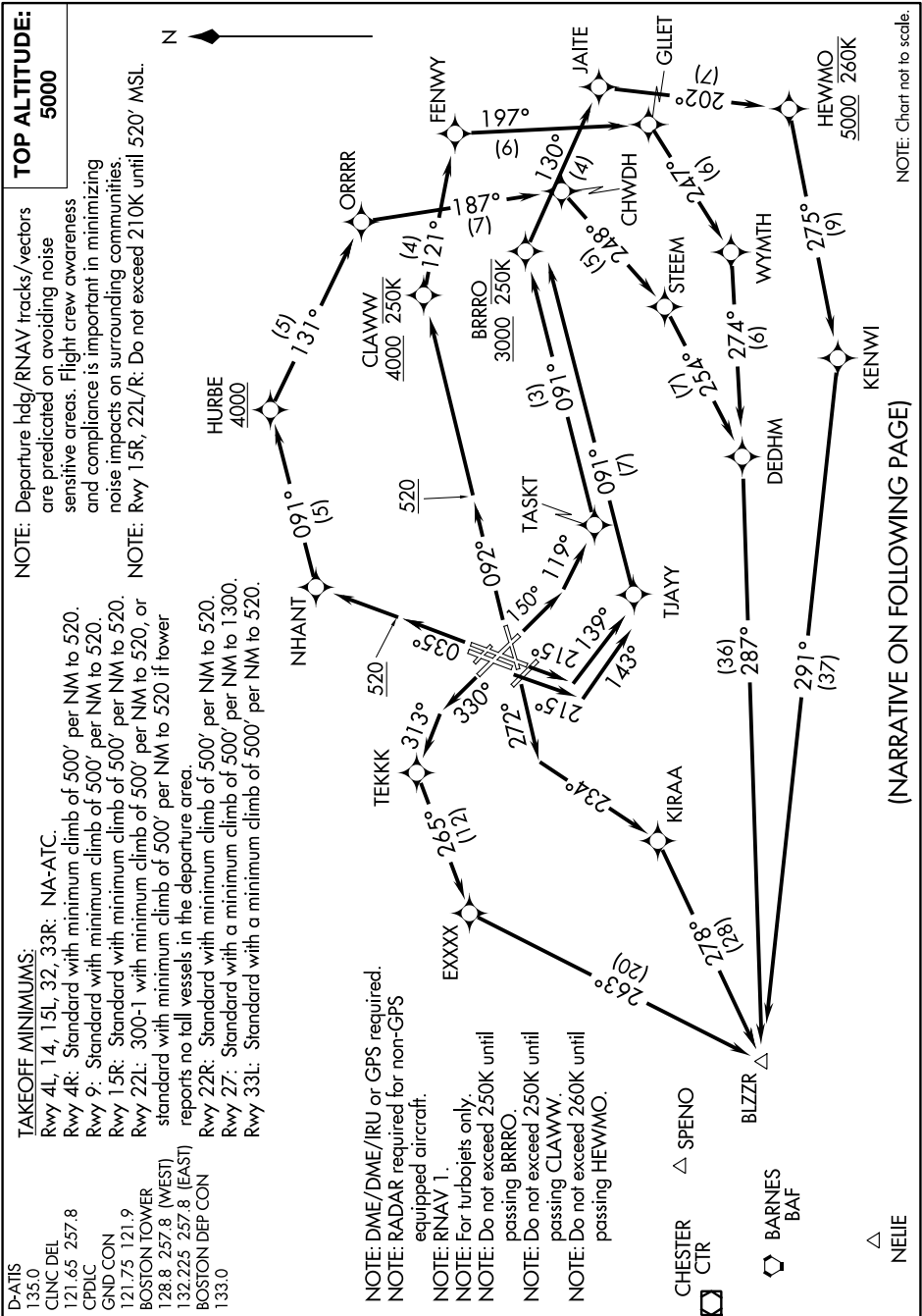
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BLZZR SIX DEPARTURE (RNAV)

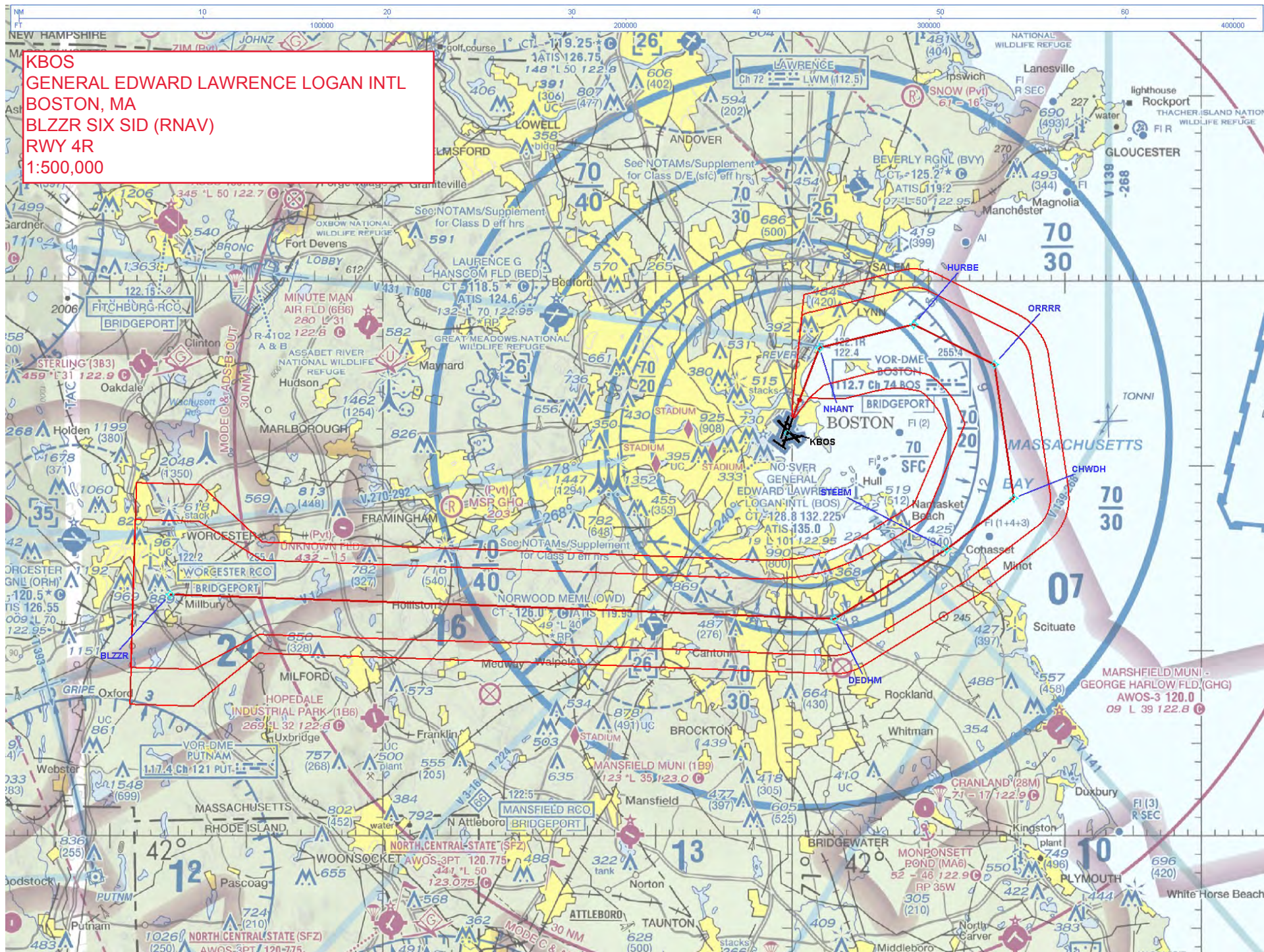
BOSTON, MASSACHUSETTS

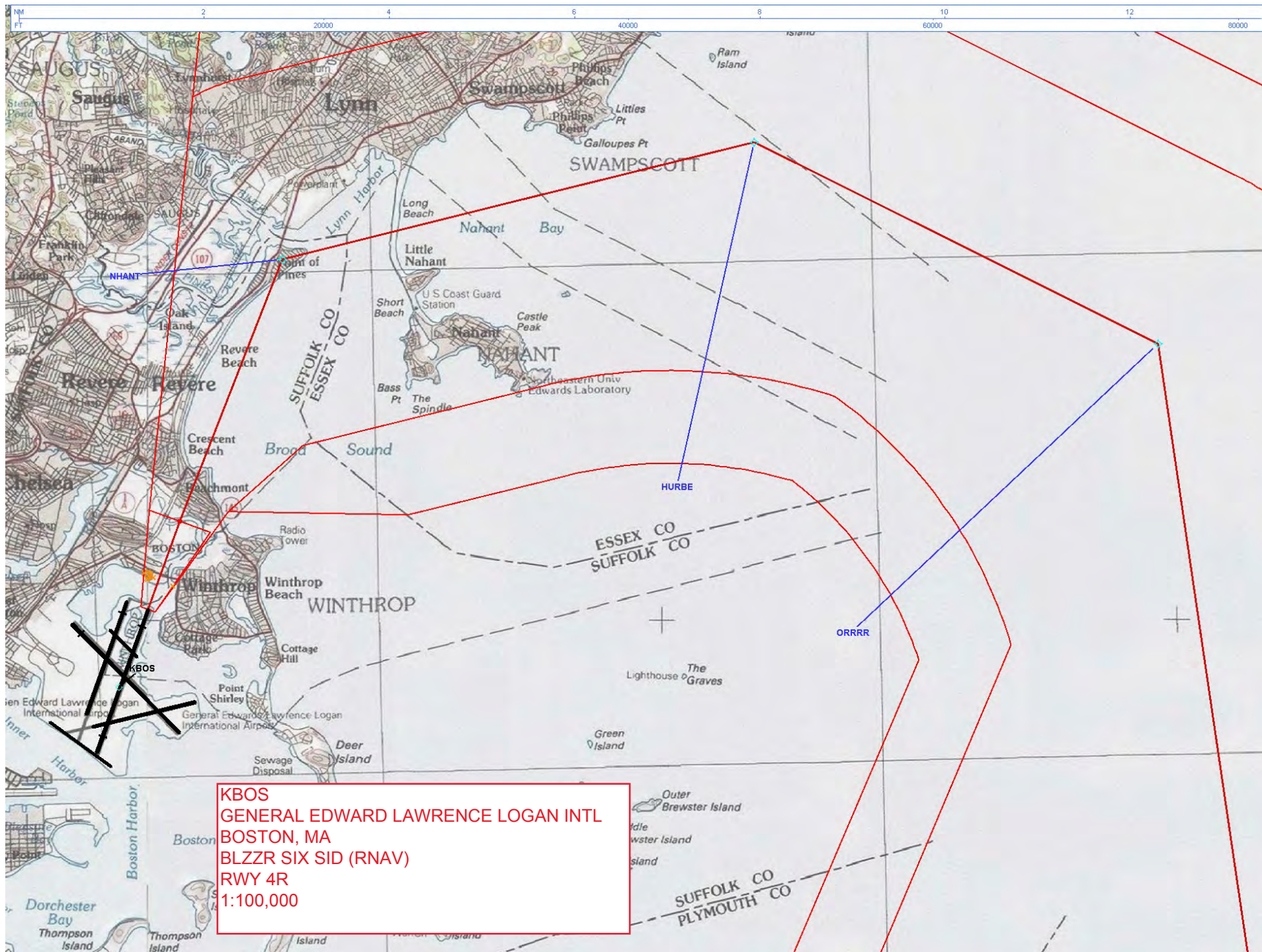
(BLZZR6.BLZZR) FIG

GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)

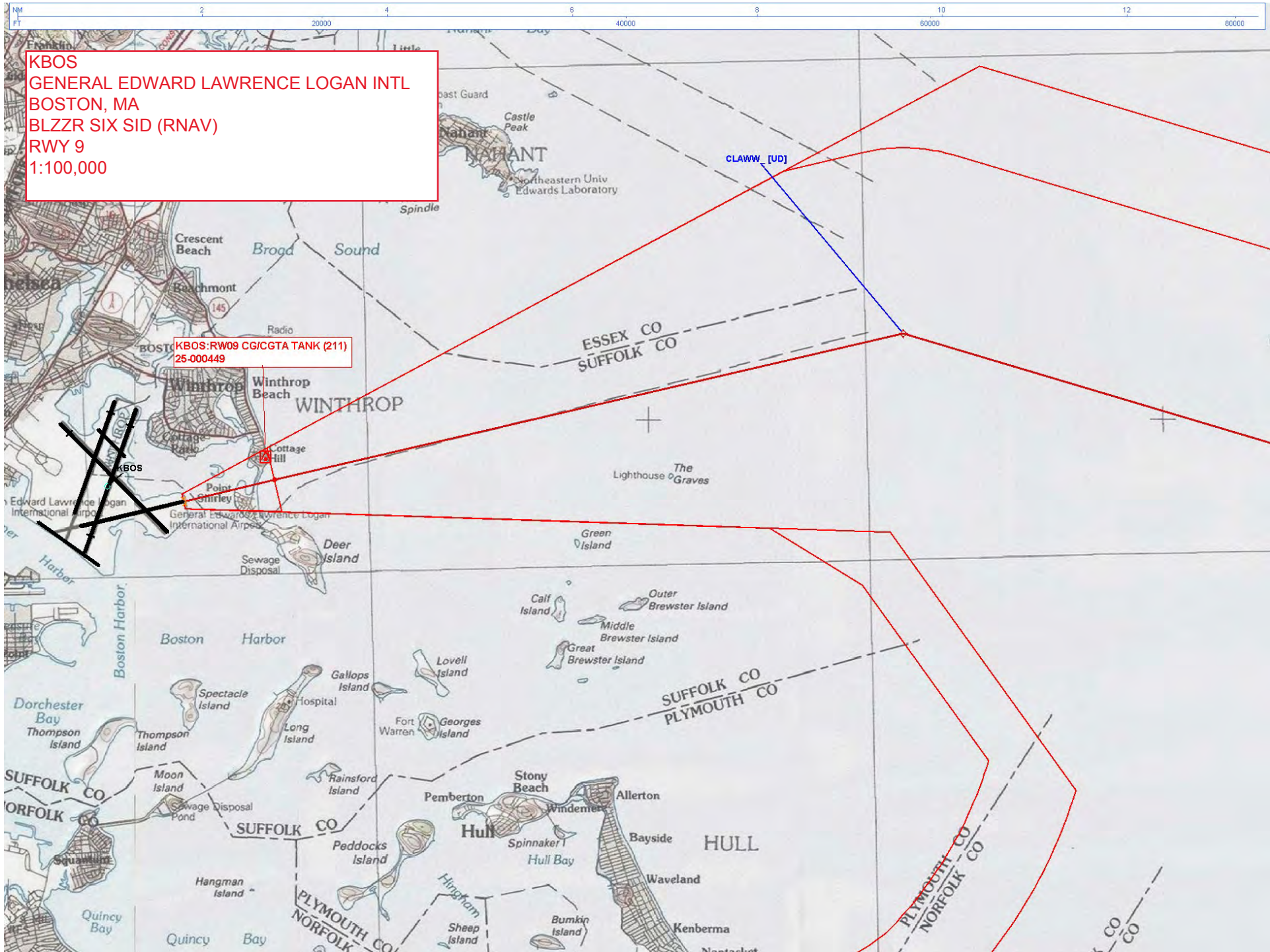


KBOS
GENERAL EDWARD LAWRENCE LOGAN INTL
BOSTON, MA
BLZZR SIX SID (RNAV)
RWY 4R
1:500,000

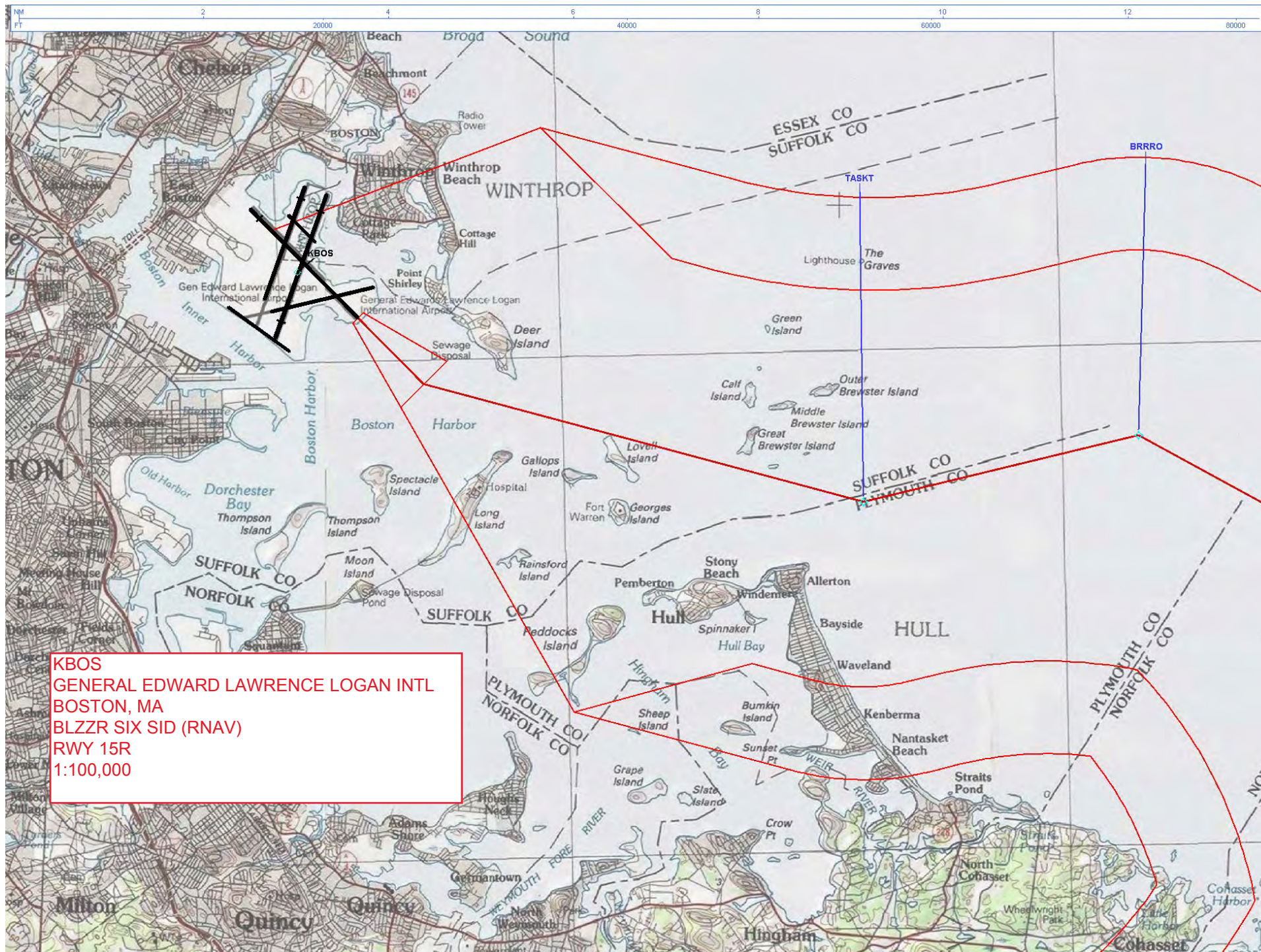




KBOS
GENERAL EDWARD LAWRENCE LOGAN INTL
BOSTON, MA
BLZZR SIX SID (RNAV)
RWY 9
1:500,000

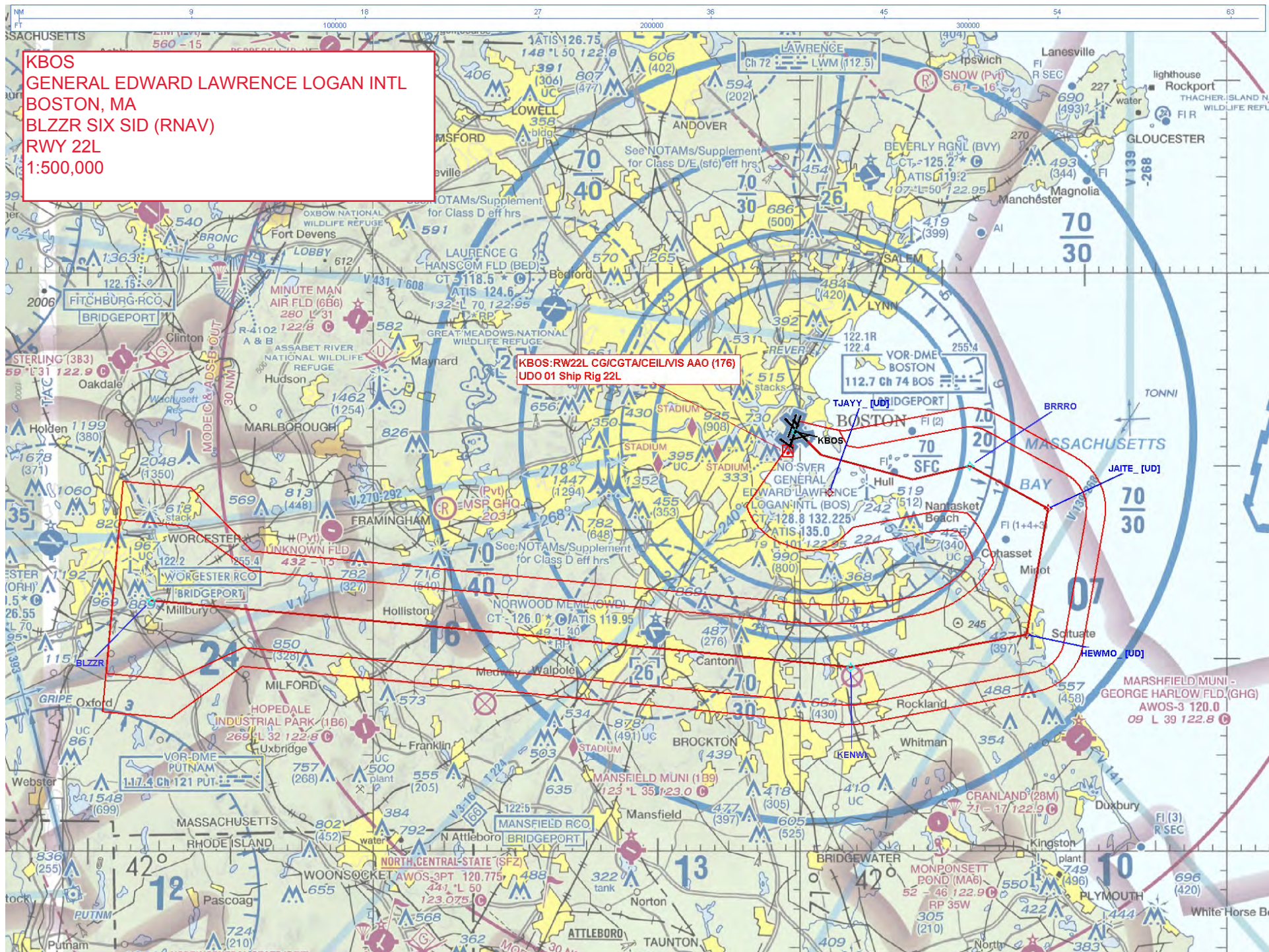


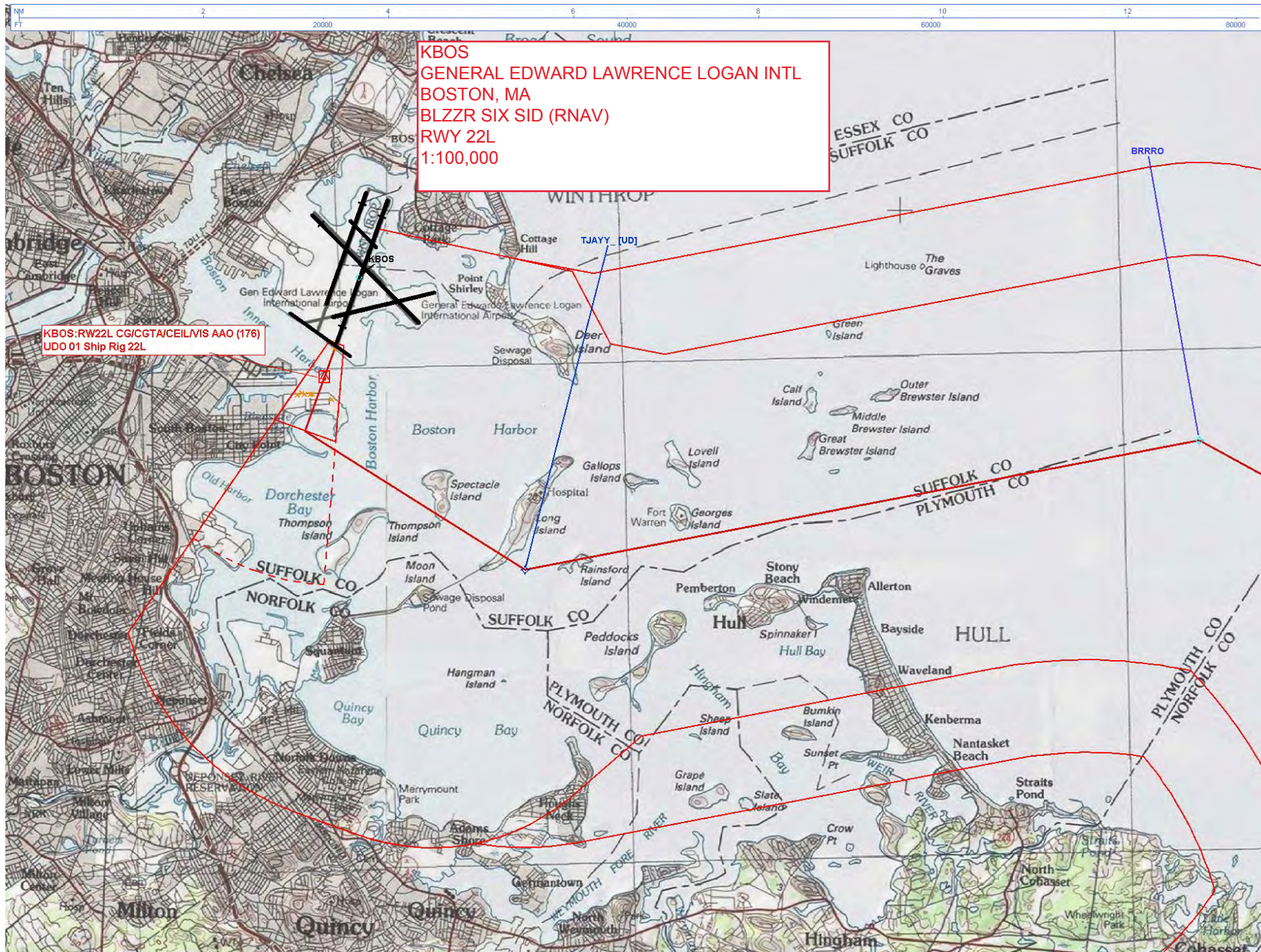
KBOS
GENERAL EDWARD LAWRENCE LOGAN INTL
BOSTON, MA
BLZZR SIX SID (RNAV)
RWY 15R
1:500,000



KBOS
GENERAL EDWARD LAWRENCE LOGAN INTL
BOSTON, MA
BLZZR SIX SID (RNAV)
RWY 22L
1:500,000

KBOS: RW22L CGICGTA/CEIL/MIS AAO (176)
UDO 01 Ship Rig 22L



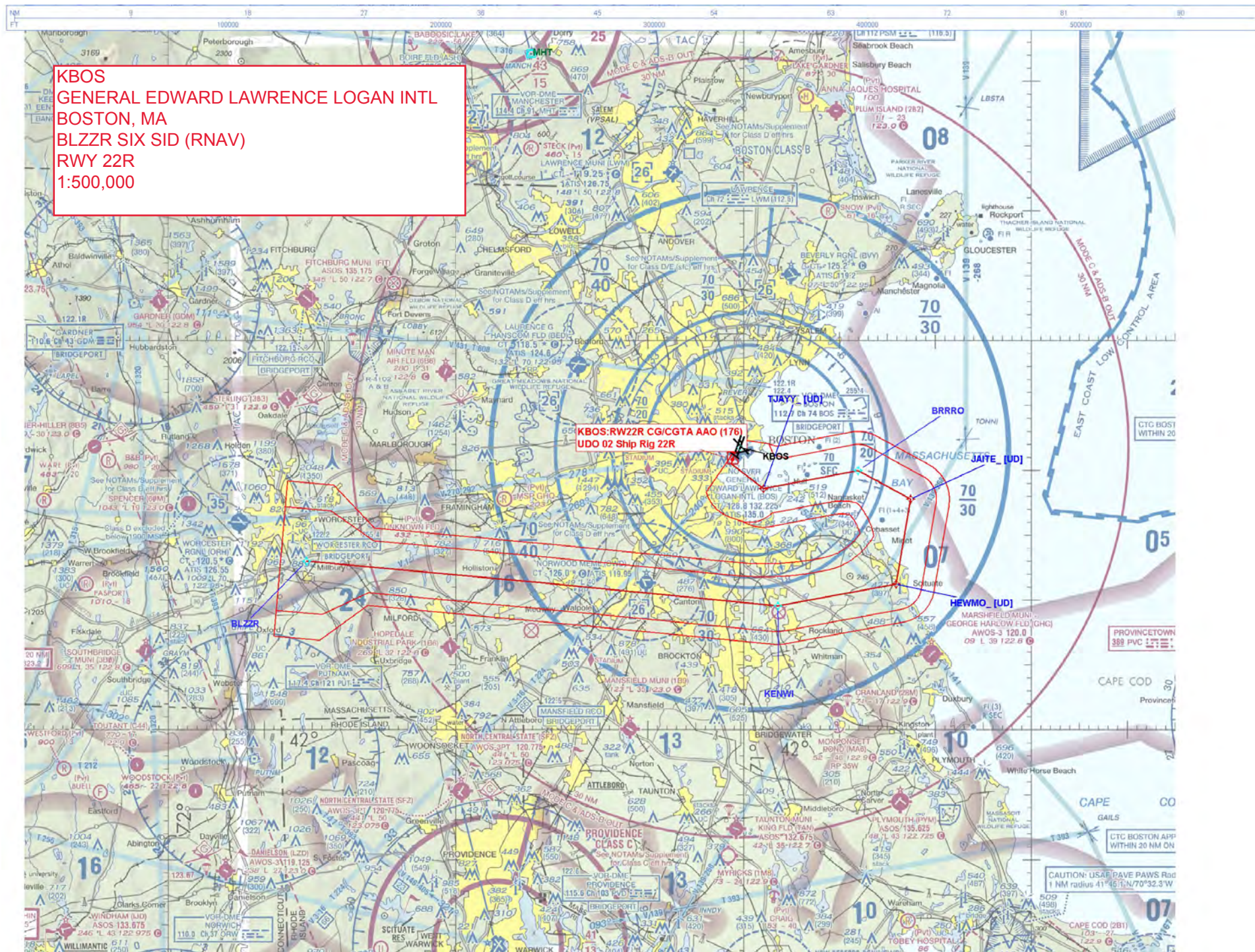


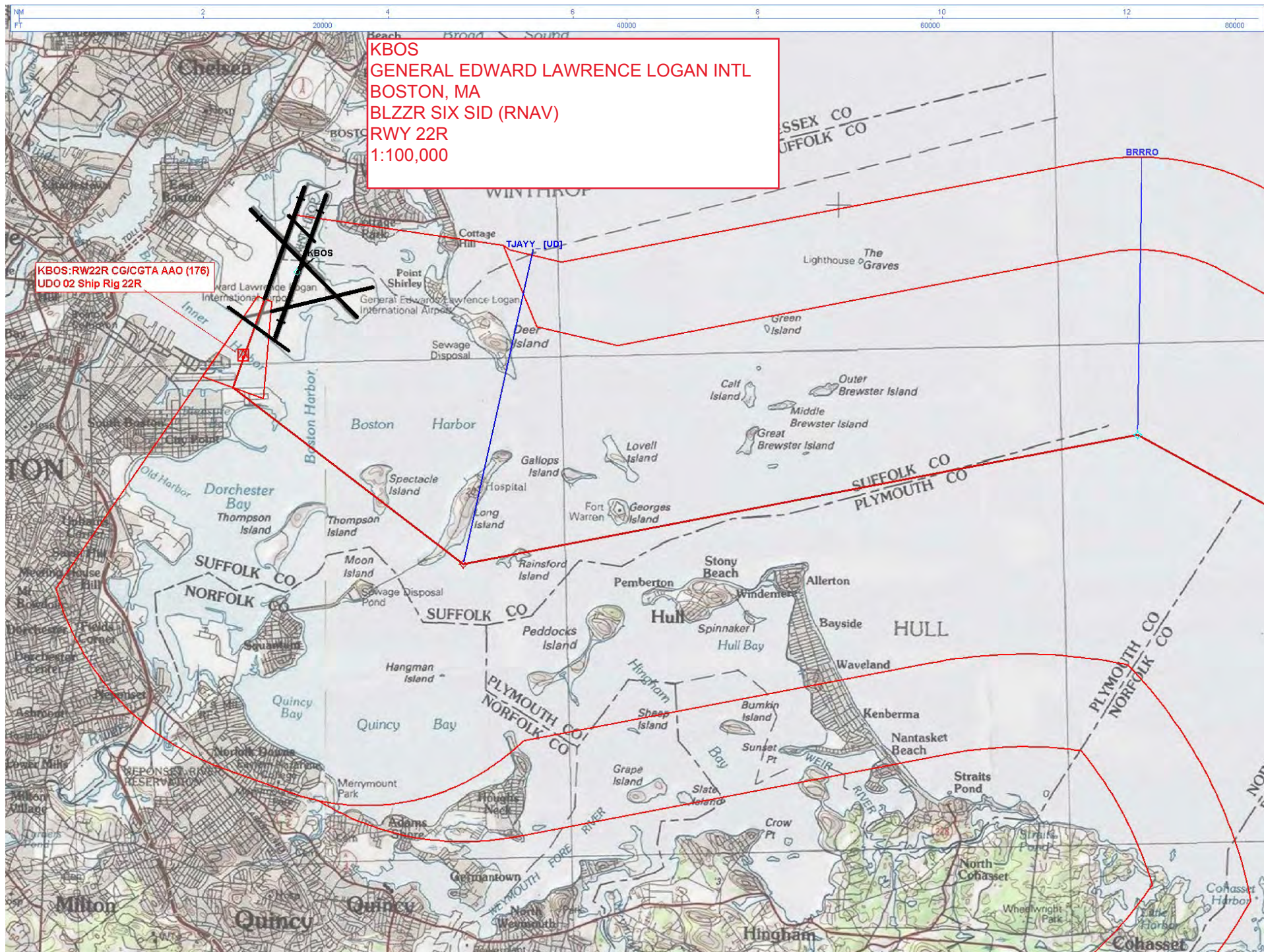
KBOS
GENERAL EDWARD LAWRENCE LOGAN INTL
BOSTON, MA
BLZZR SIX SID (RNAV)
RWY 22L
1:100,000

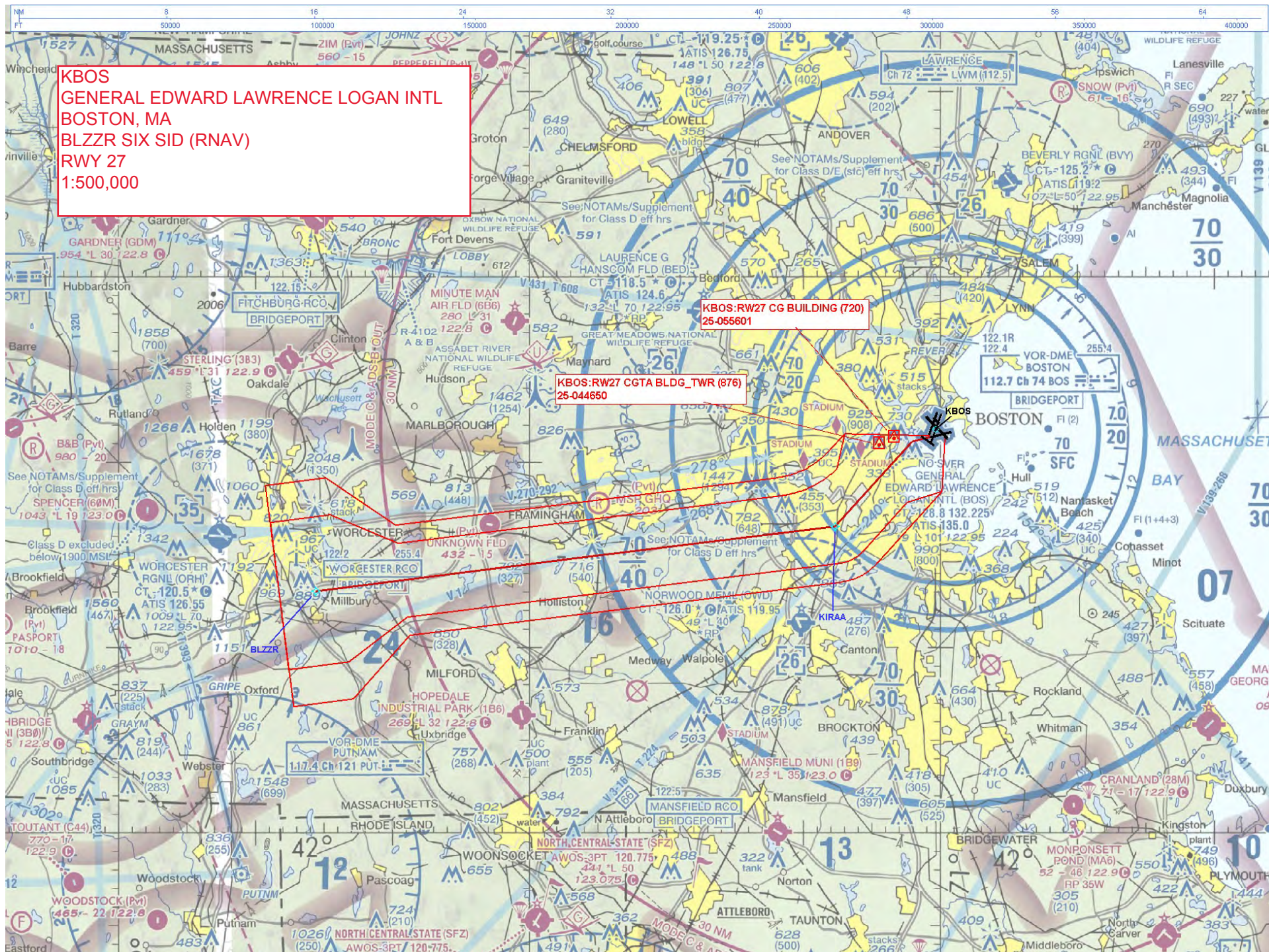
KBOS:RW22L CGICGTAICELVIS AAO (176)
UDO 01 Ship Rig 22L

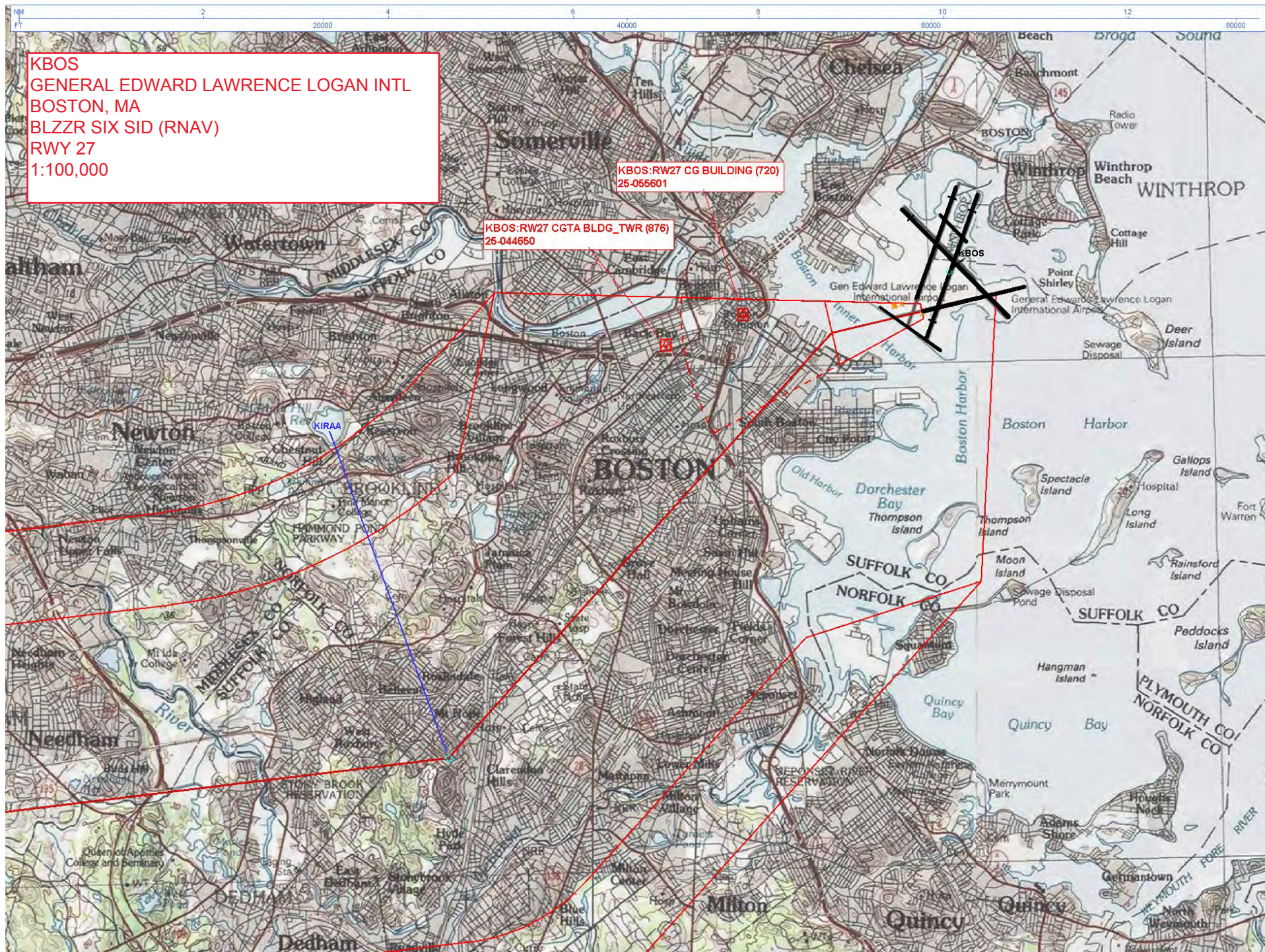
KBOS
GENERAL EDWARD LAWRENCE LOGAN INTL
BOSTON, MA
BLZZR SIX SID (RNAV)
RWY 22R
1:500,000

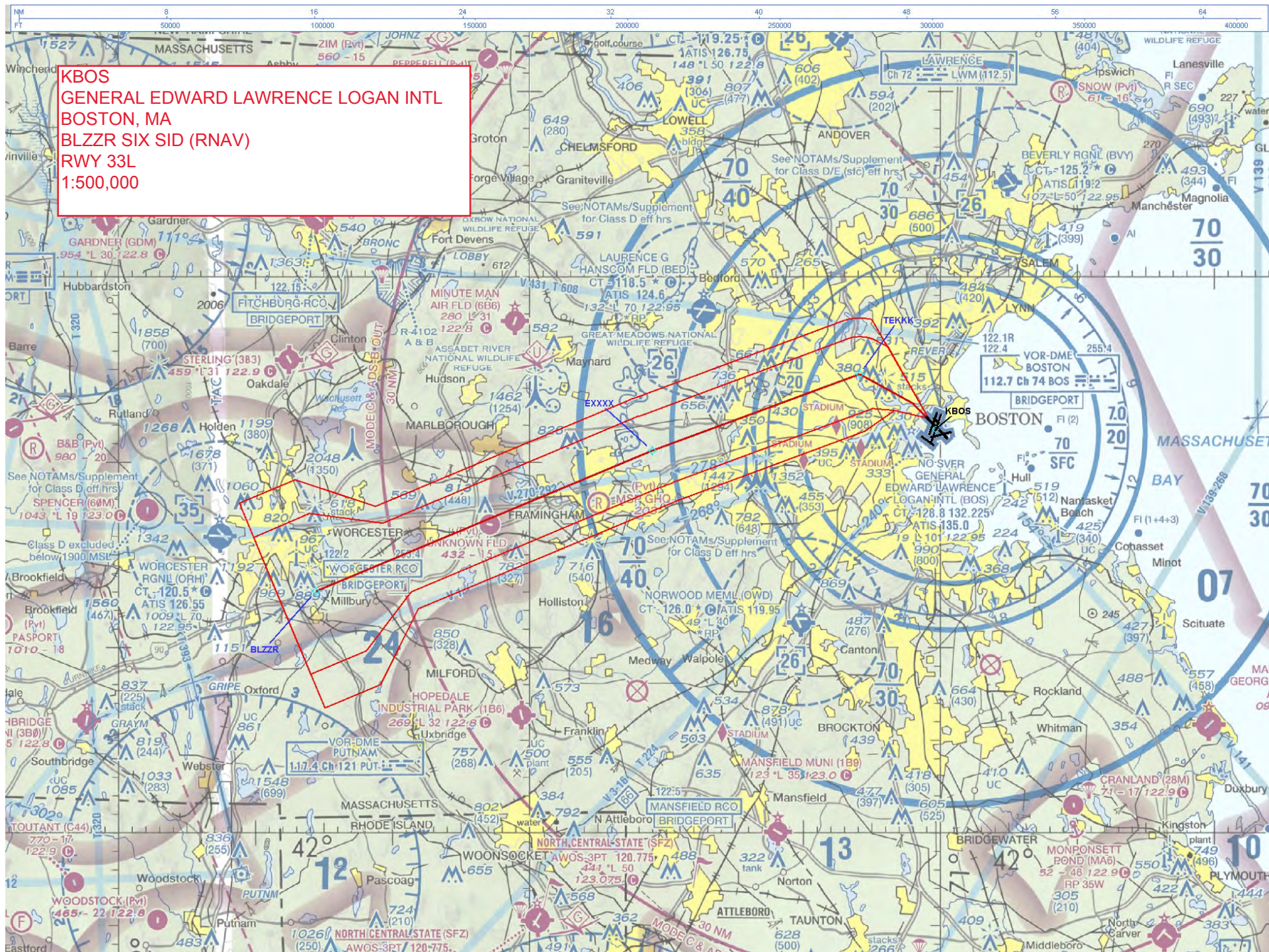
KBOS: RW22R CG/CGTA AAO (176)
UDO 02 Ship Rig 22R

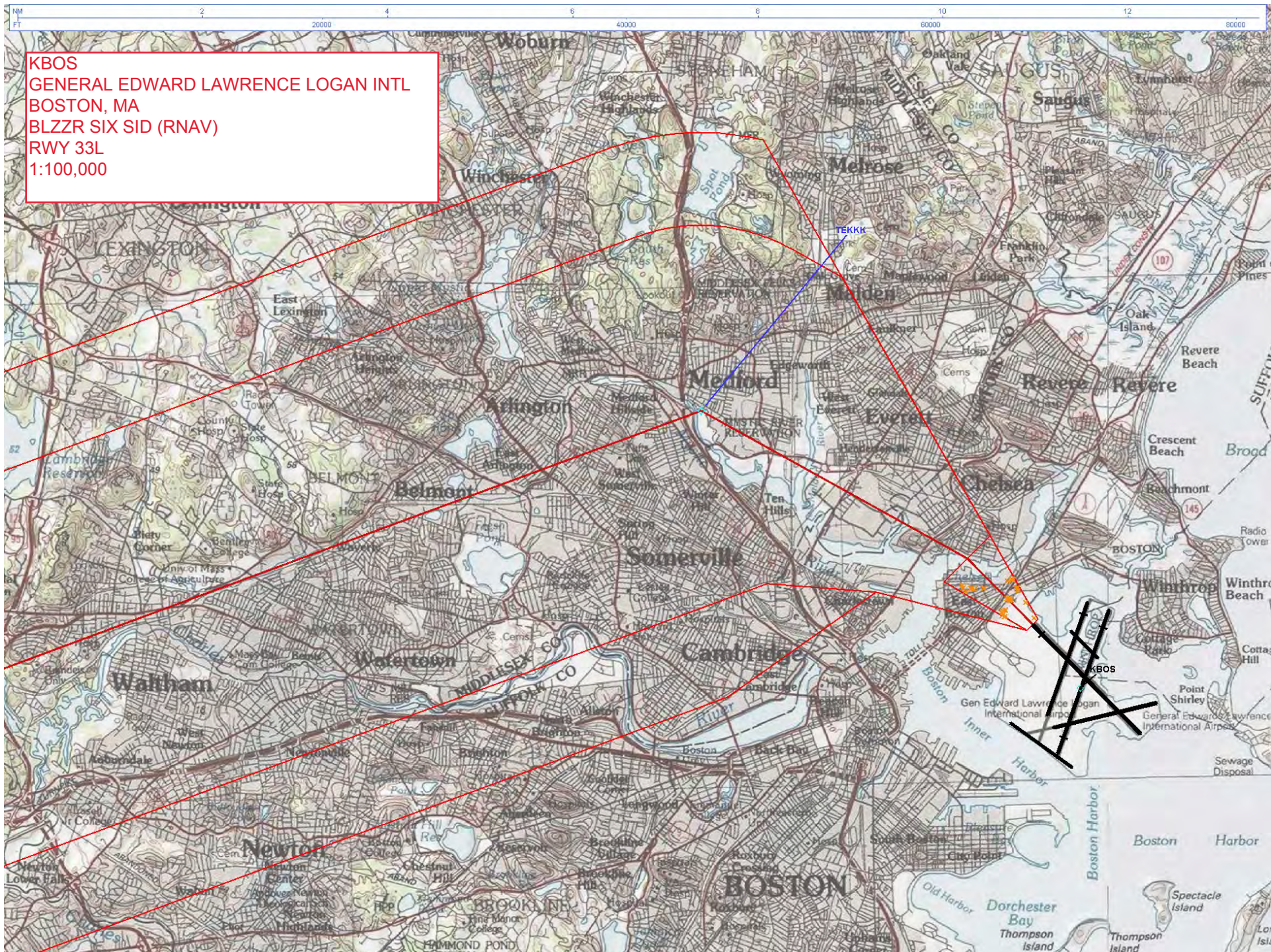












KBOS
GENERAL EDWARD LAWRENCE LOGAN INTL
BOSTON, MA
BLZZR SIX SID (RNAV)
RWY 33L
1:100,000