

Flight Procedures Cover Page	Task Action: FLIGHT CHECK	Task Type: Textual DP	Estimated Chart Date: 11/27/2025	APWS Task ID: 0C4DED6E193A4894868ABEF1FD965C7F	APWS Project ID: 790D5706BE5B47DDAF59FAA7228B0175
Procedure: TAKEOFF MINIMUMS AND OBSTACLE DP AMDT 2		Enroute: NO	Specialist: Smart, Phillip		Agreement Number:
Airport ID: KOQU			Airport City: NORTH KINGSTOWN		State: RI
Facility ID:	Facility Type:	Flight Inspection Remark Type: New FC Slot			
<div>Procedure Comments: FULL AMENDMENT.</div> <div>PENDING DATA USED FOR KOQU AIPORT AND RUNWAYS. RWY 34 MOVED 504 FT.</div> <div>APPROVAL LETTER SUBMITTED FOR USE OF CEILING/VIS FOR ICA OBS.</div> <div>CONTACT ROBERT HAMILTON 405-954-4608. FEDERAL AVIATION ADMINISTRATION.</div> <div>QUALITY 20 CHECKED</div>					



# Federal Aviation Administration

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## Memorandum

Date: 04/22/2025  
To: Wade Terrell, Manager, Flight Technologies and Procedures Division THRU:  
Wayne Radicke, Manager, Flight Procedures and Airspace Group  
From: Bev Bordy, Manager, Team 3, AJV-A430  
Subject: Approval Request: QUONSET STATE (KOQU), TAKEOFF MINIMUMS AND  
OBSTACLE DP

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TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE. QUONSET STATE, NORTH  
KINGSTOWN, RI (KOQU).

Climb gradient exceeds 500 FT/NM IAW the 8260.46J 2-1-1 d (2)

TARGETS computed climb gradient is 1207 ft per NM to an altitude of 300 MSL for RWY 23.  
The obstacle driving the climb gradient is a 175 ft MSL CRANE (44-028227)  
413510.45N/0712509.79W (4D) located in the ICA.

Request approval to publish ceiling of 300 and visibility of 1 for RWY 23 to see and avoid the  
obstacle. The obstacle driving ceiling and visibility is a 185 ft MSL SHIP  
413450.61N/0712513.88W (2C).

Location of this obstacle makes it impossible to design a departure procedure to avoid the  
penetration.



24361

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)



## NORTH ADAMS, MA (CON'T)

### HARRIMAN-AND-WEST (AQW) (CON'T)

**Rwy 29**, pole 9' from DER, 49' right of centerline, 4' AGL/653' MSL.  
 Trees beginning 60' from DER, 314' left of centerline, up to 65' AGL/707' MSL.  
 Trees continuing from 143' from DER, left and right of centerline, up to 75' AGL/745' MSL.  
 Trees continuing from 427' from DER, left and right of centerline, up to 96' AGL/765' MSL.  
 Multiple buildings 827' from DER, 501' left of centerline, up to 28' AGL/717' MSL.  
 Trees and buildings continuing from 1061' from DER, 26' left of centerline, up to 94' AGL/782' MSL.  
 Trees and buildings continuing from 1487' from DER, 56' right of centerline, up to 76' AGL/726' MSL.  
 Trees and buildings continuing from 1667' from DER, left and right of centerline, up to 60' AGL/828' MSL.  
 Trees continuing from 1975' from DER, 18' left of centerline, up to 77' AGL/865' MSL.  
 Multiple trees, buildings, and vehicles, continuing from 2172' from DER, up to 99' AGL/886' MSL.  
 Trees on rising hillside continuing from 1.1 NM from DER, left and right of centerline, up to 80' AGL/966' MSL.  
 Trees on rising hillside continuing from 1.4 NM from DER, left and right of centerline, up to 93' AGL/1038' MSL.  
 Trees on rising hillside continuing from 1.5 NM from DER, left and right of centerline, up to 99' AGL/1043' MSL.  
 Trees on rising hillside continuing from 1.6 NM from DER, left and right of centerline, up to 112' AGL/1116' MSL.  
 Trees on rising hillside continuing from 1.6 NM from DER, left and right of centerline, up to 74' AGL/1197' MSL.  
 Trees on hilltop continuing from 1.7 NM from DER, left and right of centerline, up to 119' AGL/1215' MSL.  
 Trees on rising hillside continuing from 2.3 NM from DER, left and right of centerline, up to 75' AGL/1295' MSL.  
 Trees on rising hillside to hilltop continuing from 2.4 NM from DER, left and right of centerline, up to 51' AGL/1479' MSL.

## NORTH KINGSTOWN, RI

### QUONSET STATE (OQU)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 10JAN13 (13010) (FAA)

##### TAKEOFF MINIMUMS:

**Rwy 5**, 300-1 or std w/min. climb of 402' per NM to 300.  
**Rwy 16**, 300-1 or std w/min. climb of 281' per NM to 300.

##### TAKEOFF OBSTACLE NOTES:

**Rwy 5**, rising terrain 63' from DER, left to right of centerline, up to 33' MSL.  
 Ships beginning at DER, 220' right of centerline, up to 185' MSL.  
**Rwy 16**, rising terrain 22' from DER, left to right of centerline, up to 27' MSL.  
 Ships beginning 71' from DER, 543' left of centerline, up to 185' MSL.  
**Rwy 23**, rising terrain 101' from DER, left to right of centerline, up to 33' MSL.  
 Vehicles beginning 393' from DER, 4' left of centerline, 15' AGL/24' MSL.  
 Trains beginning 398' from DER, 138' left of centerline, 23' AGL/31' MSL.  
 Crane 1826' from DER, 924' right of centerline, 106' AGL/112' MSL.  
 Ships beginning 415' from DER, 521' left of centerline, up to 185' MSL.  
**Rwy 34**, trees beginning 1073' from DER, 697' left of centerline, up to 80' AGL/112' MSL.

## NORTHAMPTON, MA

### NORTHAMPTON (7B2)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4 13JAN11 (11013) (FAA)

##### TAKEOFF MINIMUMS:

**Rwy 14**, 1500-2½ for climb in visual conditions.  
**Rwy 32**, std. w/ min. climb of 286' per NM to 2000.

##### DEPARTURE PROCEDURE:

**Rwy 14**, for climb in visual conditions: cross Northampton Airport at or above 1500 before proceeding on course. **Rwy 32**, climb heading 323° to 2000 before proceeding on course.

##### TAKEOFF OBSTACLE NOTES:

**Rwy 14**, vehicle on road 5' from DER, 178' right of centerline, up to 17' AGL/136' MSL.  
 Vehicle on road 35' from DER, 143' left of centerline, up to 17' AGL/136' MSL.  
 Trees beginning 984' from DER, 476' left of centerline, up to 100' AGL/219' MSL.  
 Numerous trees beginning 1.2 NM from DER, 1556' left and right of centerline, up sloping on Holyoke range, up to 100' AGL/909' MSL.  
**Rwy 32**, vehicle on road 256' from DER, up to 17' AGL/136' MSL.  
 Building 176' from DER, 169' right of centerline 25' AGL/144' MSL.  
 Trees beginning 85' from DER, 462' left of centerline, up to 100' AGL/219' MSL.  
 Vehicle on road 1638' from DER, 116' left of centerline, 17' AGL/176' MSL.

20 MAR 2025 to 17 APR 2025

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)



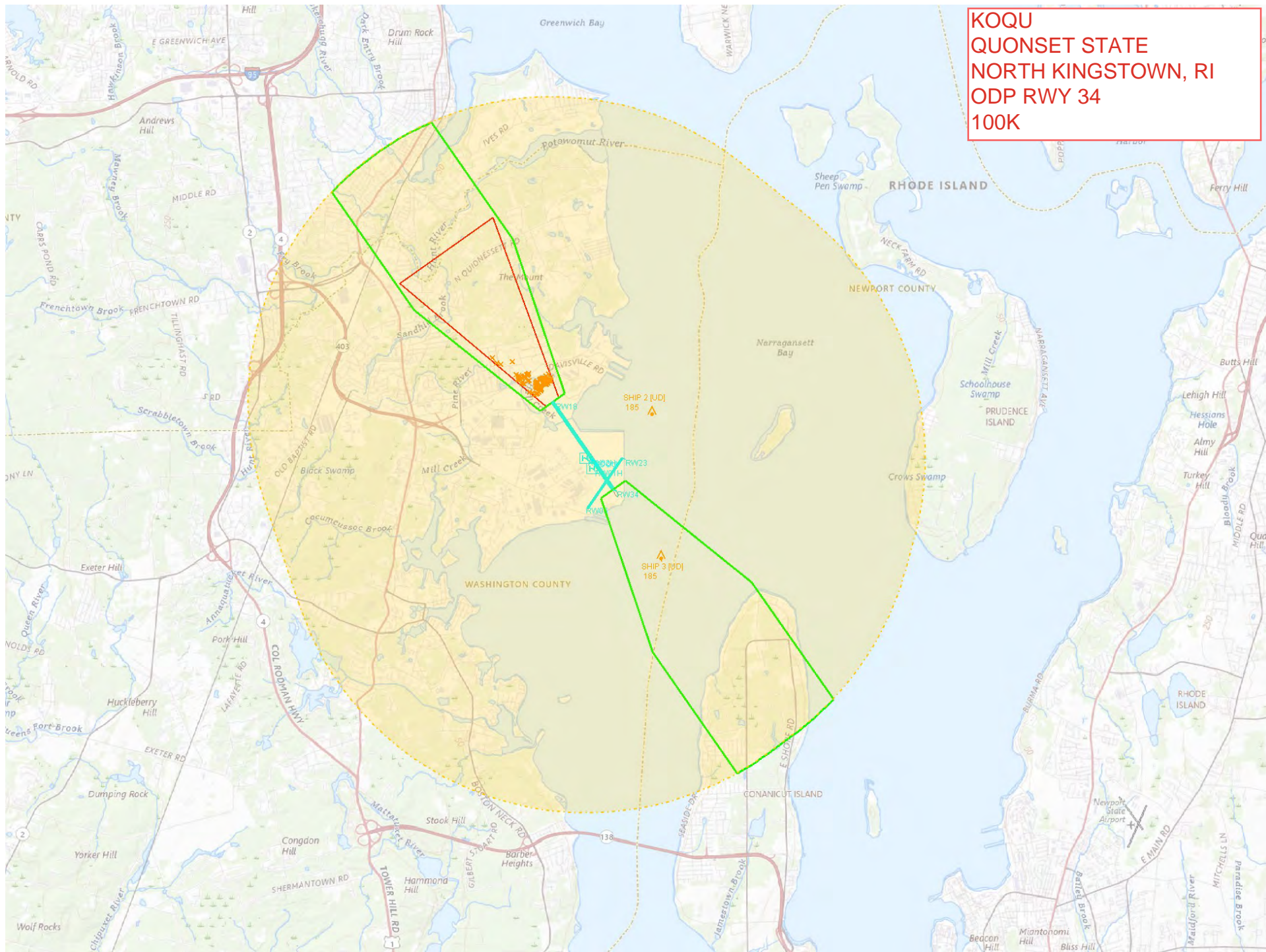
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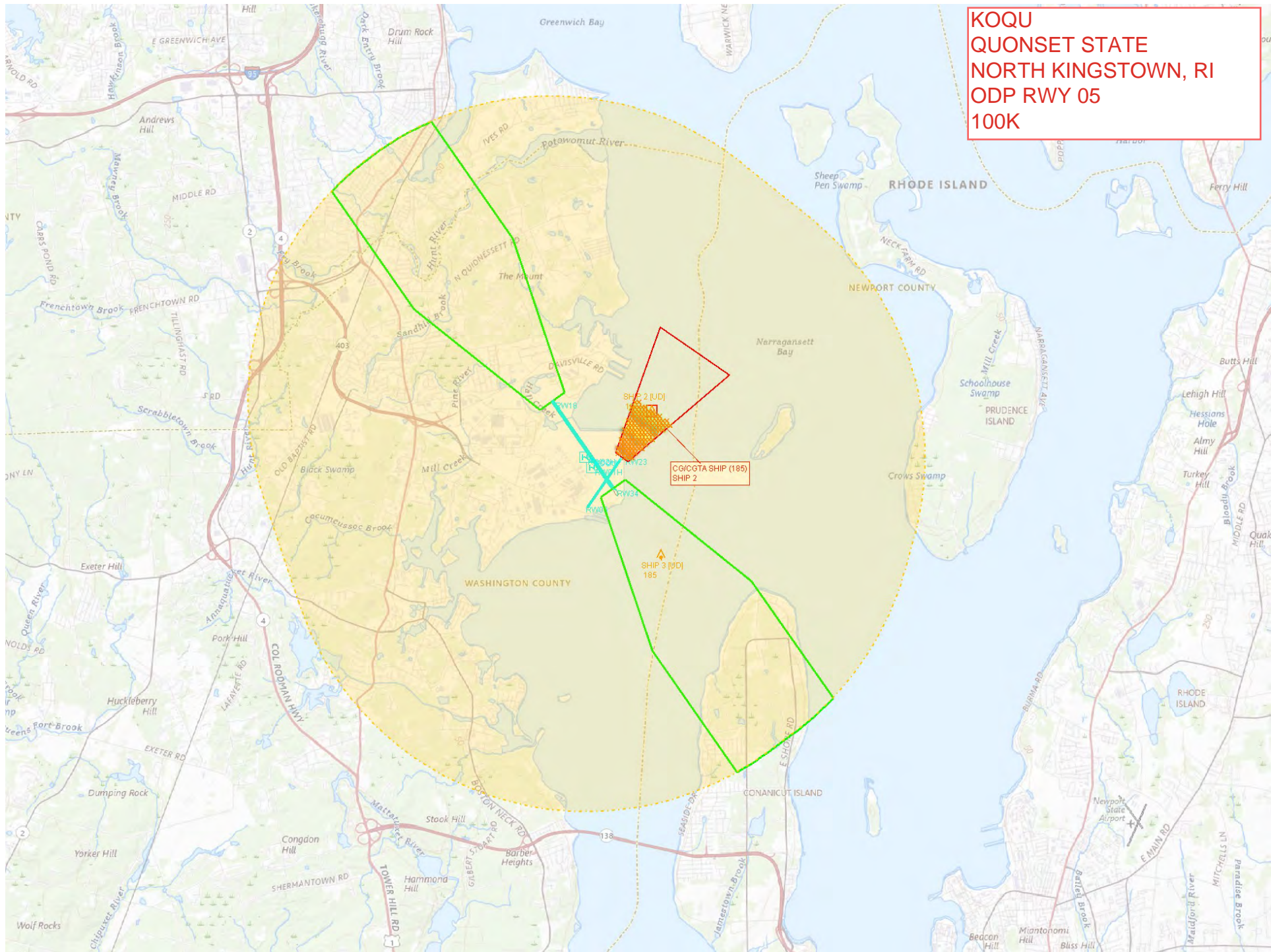


KOQU  
QUONSET STATE  
NORTH KINGSTOWN, RI  
ODP RWY 34  
100K



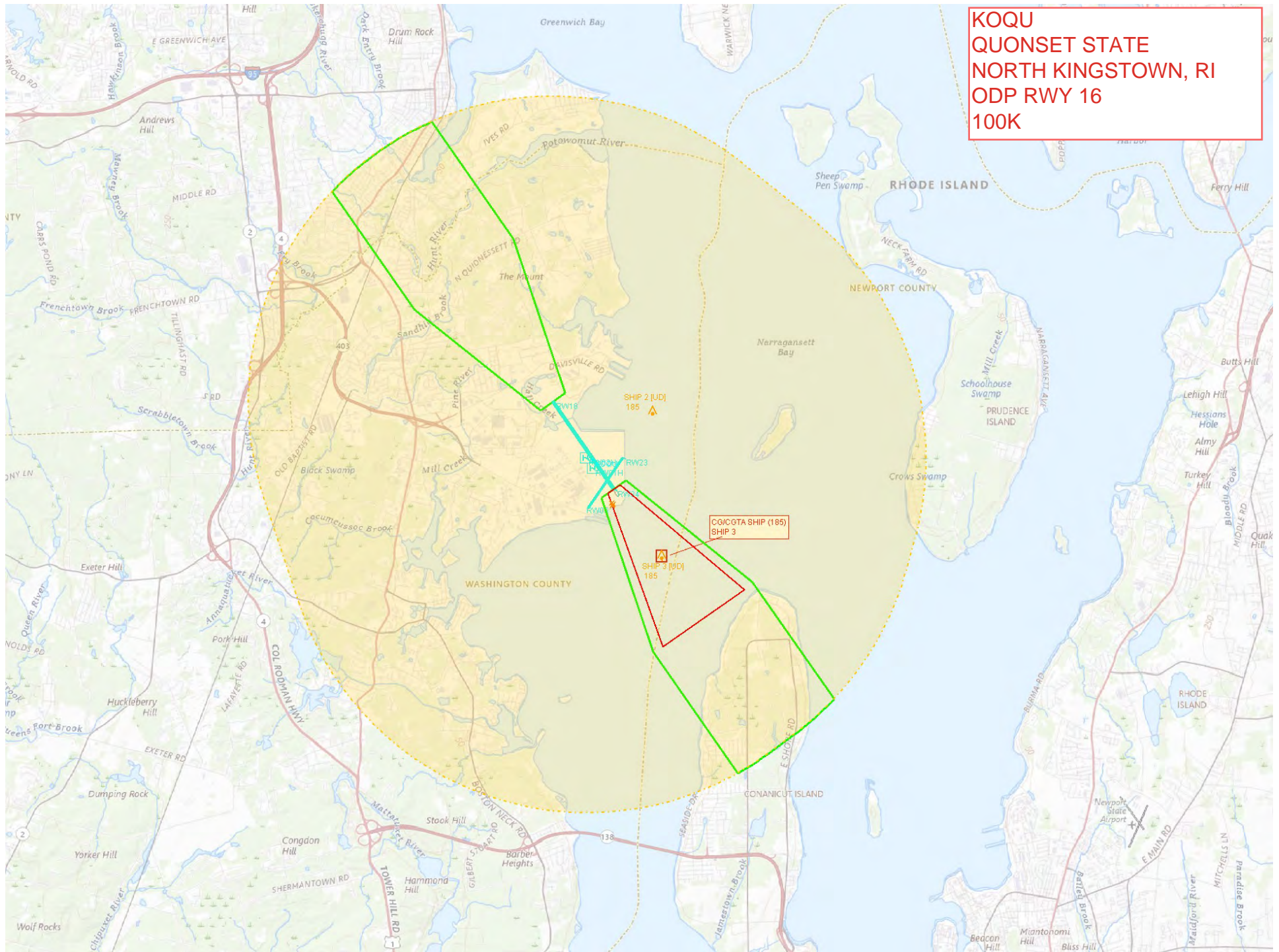


KOQU  
 QUONSET STATE  
 NORTH KINGSTOWN, RI  
 ODP RWY 05  
 100K





KOQU  
QUONSET STATE  
NORTH KINGSTOWN, RI  
ODP RWY 16  
100K





KOQU  
QUONSET STATE  
NORTH KINGSTOWN, RI  
ODP RWY 23  
100K

