

<b>Flight Procedure Tracking Form</b>		<b>Action:</b> FLIGHT CHECK	<b>Task Type:</b> DP	<b>Date Open:</b> 12/11/2009	<b>Task #:</b> 2009121123348401001	<b>Request #:</b> 20091211233484
<b>Procedure:</b> DP GREENVILLE ME K52B AMDT 3			<b>Airport ID:</b> K52B	<b>Airport:</b> GREENVILLE SPB		<b>Reimbursable #:</b>
<b>City:</b> GREENVILLE		<b>ST:</b> ME	<b>GPS #:</b>	<b>Estimated Chart Date:</b> 05/29/2014		<b>FICO #:</b> 1085459
<b>Fac ID:</b>		<b>Fac. Type:</b>		<b>Specialist:</b> DAVID SAUER		

**Procedure Review**

	Rec'd	Rel'd	Full Name	Comments
<b>Lead:</b>	02/02/2011	04/16/2012	DONALD SMITH	
<b>QA:</b>	04/16/2012	04/16/2012	SCOTT BEARD	
<b>Liaison:</b>	04/16/2012		MARY MCDONALD	RESUBMIT 1/29/14 - POSSIBLE TABLE TOP BY ROY TURNER -APPROVAL REQUEST

**Procedure Comments:** ENROUTE-NON **Remark Type:** INFORMATION

CONTACT: PETE GETZ/JACOB POWERS-AJV-352 LEADS, 405.954.4919 / 405.954.8702.

SUR

FLIGHT INSPECTION PROCEDURE CONTROL FORM						
PROCEDURE: DP, GREENVILLE, ME, K52B, 3		AIRPORT NAME: GREENVILLE		AIRPORT ID: K52B	SPECIAL CONTROL NO: YP-3-217-12	
CITY: GREENVILLE				ST: ME	ORIG CHART DATE: 05/31/12	
FAC ID: K52B	DFL TYPE: PROC/T	THIRD PARTY: <input type="checkbox"/> YES	EST. TIME ON SITE: 0.5		REIMB. NUMBER:	
PREFLIGHT NOTES						
REVIEWER:				DATE:		
COMMENTS:		ASSOCIATED FACILITIES:		CHECK ONE:		
				<input type="checkbox"/> FLT CK REQ <input type="checkbox"/> NFCR <input type="checkbox"/> REJECT		
					YES	NO
				VIDEO MAP REQUIRED?		
				ESV(S) ATTACHED?		
GROUND MAINTENANCE?						
ARINC CODING 424?						
POST FLIGHT						
INSPECTION DATE: 4/5/12	CREW #: WU231	NW: 83 N/A	CHECK ONE:			NOTAM ISSUED?
			<input type="checkbox"/> SAT <input type="checkbox"/> SAT W/CHANGES <input type="checkbox"/> SAT / GOLD <input checked="" type="checkbox"/> UNSAT			<input type="checkbox"/> YES
FLIGHT INSPECTOR SIGNATURE: <i>[Signature]</i>				PRINTED NAME: Jon D. Schleifer		
FLIGHT INSPECTOR REMARKS: Textual Departure Procedures for RWY 14/32 rely on XQA NDB. XQA still NOTAM OTS per NOTAM 10/034 NAV XQA NDB OTS. Since Oct 2009						

04-05-12 (03) 5151 PM

FC UNSAT

11509 195 4805

1609 485 4605

FICO

12-14-11 12:16PM

(Su)  
✓ SU

### FLIGHT INSPECTION PROCEDURE CONTROL FORM

<b>PROCEDURE:</b> DP, GREENVILLE, MR, K52B, 2		<b>AIRPORT NAME:</b> GREENVILLE		<b>AIRPORT ID:</b> K52B	<b>SPECIAL CONTROL NO:</b> YP-6-266-11
<b>CITY:</b> GREENVILLE				<b>ST:</b> ME	<b>ORIG CHART DATE:</b> 12/15/11
<b>FAC ID:</b> K52B	<b>DFL TYPE:</b> PROCT	<b>THIRD PARTY:</b> <input type="checkbox"/> YES	<b>EST. TIME ON SITE:</b> 0.5	<b>REIMB. NUMBER:</b>	

### PREFLIGHT NOTES

<b>REVIEWER:</b>		<b>DATE:</b>			
<b>COMMENTS:</b> CONTINUE WITH SU STATUS - AHS WILL RESUBMIT AS AMENDMENT 3. <i>JS</i> 12/15/11	<b>ASSOCIATED FACILITIES:</b>	<b>CHECK ONE:</b>			
		<input type="checkbox"/> FLT CK REQ <input type="checkbox"/> NPCR <input checked="" type="checkbox"/> REJECT			
			YES	NO	
		<b>VIDEO MAP REQUIRED?</b>			
		<b>ESV(S) ATTACHED?</b>			
		<b>GROUND MAINTENANCE?</b>			
		<b>ARINC CODING 424?</b>			

### POST FLIGHT

<b>INSPECTION DATE:</b> 12/14/11	<b>CREW #:</b> 231	<b>N #:</b>	<b>CHECK ONE:</b>			<b>NOTAM ISSUED?</b>
			<input type="checkbox"/> SAT	<input type="checkbox"/> SAT W/CHANGES	<input type="checkbox"/> SAT/GOLD	<input checked="" type="checkbox"/> UNSAT
<b>FLIGHT INSPECTOR SIGNATURE:</b> <i>Jon D. Schleifer</i>					<b>PRINTED NAME:</b> Jon D. Schleifer	

**FLIGHT INSPECTOR REMARKS:**  
 Proct special Table top UNSAT. Textual Departure Procedures rely on XQA NDB for bearing. XQA is NOTAM OTS per #10/034. Take off Mins list min climbs of 270 ft per nm up to 370 ft per nm (all very reasonable Roc), yet a Memorandum in the Package references climb gradients exceeding 500 ft per nm. Procedure Package is referenced as Amdt #2. Terminal Procedures Pubs dated 20 Oct 2011 to 15 Dec 2011 reference Amdt 2. Is the Procedure Package supposed to be Amdt 3 or has this been published since Oct with no Flight Clck?

VN 8200-8-1

RECEIVED DEC 17 2011

SLU

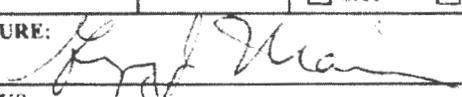
### FLIGHT INSPECTION PROCEDURE CONTROL FORM

<b>PROCEDURE:</b> DP, GREENVILLE, ME, K52B, 3		<b>AIRPORT NAME:</b> GREENVILLE		<b>AIRPORT ID:</b> K52B		<b>SPECIAL CONTROL NO.:</b> YP-1-14-12	
<b>CITY:</b> GREENVILLE				<b>ST:</b> ME		<b>ORIG CHART DATE:</b> 04/05/12	
<b>FAC ID:</b> K52B		<b>DFL TYPE:</b> PROCT		<b>THIRD PARTY:</b> <input type="checkbox"/> YES		<b>EST. TIME ON SITE:</b> 0.5	
<b>REIMB. NUMBER:</b>							

#### PREFLIGHT NOTES

<b>REVIEWER:</b> Gregory J. Marino			<b>DATE:</b> 03/12/12						
<b>COMMENTS:</b> -Amdt. 3 paper package not available in office. ✓ -Package on procedures website shows Amdt. 3, but "combined" file appears to contain Amdt. 2 information. -Amdt. 3 info on website indicates re-submittal. Previous PC is not included. ✓ -Amdt. 2 in "combined" file does not agree with current published amendment 2. ✓			<b>ASSOCIATED FACILITIES:</b>			<b>CHECK ONE:</b> <input type="checkbox"/> FLT CK REQ <input type="checkbox"/> NFCR <input checked="" type="checkbox"/> REJECT			
								YES	NO
						<b>VIDEO MAP REQUIRED?</b>			
						<b>ESV(S) ATTACHED?</b>			
						<b>GROUND MAINTENANCE?</b>			
<b>ARINC CODING 424?</b>									

#### POST FLIGHT

<b>INSPECTION DATE:</b>		<b>CREW #:</b> VN111		<b>N #:</b> 54		<b>CHECK ONE:</b> <input type="checkbox"/> SAT <input type="checkbox"/> SAT W/CHANGES <input type="checkbox"/> SAT / GOLD <input checked="" type="checkbox"/> UNSAT			<b>NOTAM ISSUED?</b> <input type="checkbox"/> YES	
<b>FLIGHT INSPECTOR SIGNATURE:</b> 						<b>PRINTED NAME:</b> Gregory J. Marino				

**FLIGHT INSPECTOR REMARKS:**

RECEIVED MAR 12 2012

FC Unsat

**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.
GREENVILLE, ME	GREENVILLE		3

**TAKEOFF MINIMUMS:**

SEA LANE 14, STANDARD WITH MINIMUM CLIMB OF 849 FT PER NM TO 2200 OR 500-2 ½ WITH MINIMUM CLIMB OF 280 FT PER NM TO 2600 OR 3900-3 FOR CLIMB IN VISUAL CONDITIONS.  
SEA LANE 18, STANDARD WITH MINIMUM CLIMB OF 370 FT PER NM TO 2800 OR 3900-3 FOR CLIMB IN VISUAL CONDITIONS.  
SEA LANE 32, STANDARD WITH MINIMUM CLIMB OF 685 FT PER NM TO 2500 OR 700-1 ½ WITH MINIMUM CLIMB OF 300 FT PER NM TO 4000 OR 3900-3 FOR CLIMB IN VISUAL CONDITIONS.  
SEA LANE 36, STANDARD WITH MINIMUM CLIMB OF 270 FT PER NM TO 3300 OR 3900-3 FOR CLIMB IN VISUAL CONDITIONS.

**TEXTUAL DEPARTURE PROCEDURES:**

SEA LANE 14 - CLIMB ON HEADING 140 TO 3300 BEFORE PROCEEDING ON COURSE OR FOR CLIMB IN VISUAL CONDITIONS: CROSS GREENVILLE AT OR ABOVE 3800 FT MSL BEFORE PROCEEDING ON COURSE.  
SEA LANE 18 - CLIMB HEADING 180 TO 2800 BEFORE PROCEEDING ON COURSE OR FOR CLIMB IN VISUAL CONDITIONS: CROSS GREENVILLE AT OR ABOVE 3800 FT MSL BEFORE PROCEEDING ON COURSE.  
SEA LANE 32 - CLIMB ON HEADING 335 TO 4000 BEFORE PROCEEDING ON COURSE OR FOR CLIMB IN VISUAL CONDITIONS: CROSS GREENVILLE AT OR ABOVE 3800 FT MSL BEFORE PROCEEDING ON COURSE.  
SEA LANE 36 - CLIMB HEADING 360 TO 3600 BEFORE PROCEEDING ON COURSE OR FOR CLIMB IN VISUAL CONDITIONS: CROSS GREENVILLE AT OR ABOVE 3800 FT MSL BEFORE PROCEEDING ON COURSE.

**TAKEOFF OBSTACLE NOTES:**

NOTE: SEA LANE 14, TREES BEGINNING 4116 FT PRIOR TO DER, 296 FT LEFT OF CENTERLINE, UP TO 80 FT AGL/1119 FT MSL. TREES BEGINNING 3063 FT PRIOR TO DER, 191 FT RIGHT OF CENTERLINE, UP TO 80 FT AGL/1159 FT MSL. BOATS BEGINNING AT DER, FROM 500 FT LEFT TO 500 FT RIGHT OF CENTERLINE, UP TO 20 FT AGL/1048 FT MSL. TREES BEGINNING 2 FT FROM DER, 167 FT LEFT OF CENTERLINE, UP TO 80 FT AGL/1179 FT MSL.  
NOTE: SEA LANE 18, TREES BEGINNING 2274 FT PRIOR TO DER, 370 FT LEFT OF CENTERLINE, UP TO 80 FT AGL/1119 FT MSL. BOATS BEGINNING AT DER, FROM 500 FT LEFT TO 500 FT RIGHT OF CENTERLINE, UP TO 20 FT AGL/1048 FT MSL. TREES BEGINNING 711 FT FROM DER, 621 FT RIGHT OF CENTERLINE, UP TO 80 FT AGL/1179 FT MSL. TREES BEGINNING 1212 FT FROM DER, 783 FT LEFT OF CENTERLINE, UP TO 80 FT AGL/1139 FT MSL.  
NOTE: SEA LANE 32, TREES BEGINNING 3390 FT PRIOR TO DER, 191 FT LEFT OF CENTERLINE, UP TO 80 FT AGL/1159 FT MSL. TREES BEGINNING 2976 FT PRIOR TO DER, 296 FT RIGHT OF CENTERLINE, UP TO 80 FT AGL/1119 FT MSL. BOATS BEGINNING AT DER, FROM 500 FT LEFT TO 500 FT RIGHT OF CENTERLINE, UP TO 20 FT AGL/1048 FT MSL. TREES BEGINNING 2328 FT FROM DER, 1082 FT RIGHT OF CENTERLINE, UP TO 80 FT AGL/1179 FT MSL.  
NOTE: SEA LANE 36, TREES BEGINNING 2755 FT PRIOR TO DER, 370 FT RIGHT OF CENTERLINE, UP TO 80 FT AGL/1119 FT MSL. TREES BEGINNING 571 FT PRIOR TO DER, 290 FT LEFT OF CENTERLINE, UP TO 80 FT AGL/1119 FT MSL. BOATS BEGINNING AT DER, FROM 500 FT LEFT TO 500 FT RIGHT OF CENTERLINE, UP TO 20 FT AGL/1048 FT MSL. TREES BEGINNING 694 FT FROM DER, 381 FT LEFT OF CENTERLINE, UP TO 80 FT AGL/1179 FT MSL. TREES BEGINNING 2440 FT FROM DER, 650 FT RIGHT OF CENTERLINE, UP TO 80 FT AGL/1119 FT MSL.

**CONTROLLING OBSTACLES:**

SEA LANE 14: 1499 FT MSL TREE 452724.75N/0693311.75W. 1479 FT MSL TREE 452720.30N/0693305.20W. 1199 FT MSL TREE 452815.85N/0693523.00W. 2860 FT MSL AAO 452459.20N/0692205.80W. 1619 FT MSL AAO 452712.93N/0693107.23W. 1759 FT MSL AAO 452654.64N/0692950.96W.  
SEA LANE 18: 1379 FT MSL TREE 452643.95N/0693546.10W. 3462 FT MSL AAO 452917.80N/0694235.90W.  
SEA LANE 32: 1659 FT MSL TREE 452915.25N/0693836.75W.  
SEA LANE 36: 1242 FT MSL TREE 454942.35N/0693656.85W. 3462 FT MSL AAO 452917.80N/0694235.90W.  
SEA LANE 14, 18, 32, 36 (VCOA): 2499 FT MSL AAO 452650.95N/0694109.70W, 3462 FT MSL AAO 452917.80N/0694235.90W

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT ALL SEA LANES: 3462 FT MSL AAO 452917.80N/0694235.90W.



**U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION**  
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City, State	Airport	Effective Date	Amdt. No.
GREENVILLE, ME	GREENVILLE		3

**REMARKS:**

XQA NDB HAS LONG-TERM OUTAGE SO REMOVED FROM ODP.  
SEA LANE 32 CLIMB TO ALTITUDE 2500 WITH 685 FT PER NM AND CLIMB TO ALTITUDE 4000 WITH 300 FT PER NM CHOSEN TO ENSURE AIRCRAFT CAN PROCEED ON COURSE PRIOR TO 10 NM OF DEAD RECKONING.

**FLIGHT INSPECTED BY:**

**REQUIRED EFFECTIVE DATE:**

ROUTINE

**DEVELOPED BY:**

DONALD SMITH  
(KYLE THOMPSON)                      AJV-352                      4/26/2011

**APPROVED BY:**

DARRYL ADAMS                      AJV-352

**COORDINATED WITH:**

ALPA, AOPA, NBAA, ZBW, BGR FSS, APT MGR

**CHANGES:**

- 1) REMOVED TAKE-OFF MINIMUMS AND DEPARTURE PROCEDURES FOR NORTH/SOUTH.
- 2) ADDED TAKE-OFF OBSTACLES FOR ALL SEA LANES.
- 3) ADDED CLIMB GRADIENTS FOR ALL SEA LANES.
- 4) ADDED CLIMB TO ALTITUDES FOR SEA LANES 18 AND 36.
- 5) ADDED ROUTES FOR SEA LANES 14 AND 32.

**REASONS:**

- 1) SEA LANES ARE IDENTIFIED.
- 2, 3, 4, 5) NEW OBSTACLES.

4/12/12: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 4/26/11.

1. CHANGED TAKEOFF MINIMUMS SEA LANE 14 FROM "...280 FT PER NM TO 2200..." TO "...280 FT PER NM TO 2600..."
2. CHANGED TAKEOFF MINIMUMS SEA LANE 32 FROM "...685 FT PER NM TO 2100..." TO "...685 FT PER NM TO 2500..." AND "...300 FT PER NM TO 2100..." TO "...300 FT PER NM TO 4000..."
3. CHANGED TEXTURAL DP SEA LANE 14 FROM "CLIMB ON XQA NDB BEARING 151 TO 3300 BEFORE..." TO "CLIMB ON HEADING 140 TO 3300 BEFORE..."
4. CHANGED TEXTURAL DP SEA LANE 32 FROM "CLIMB DIRECT XQA NDB THEN ON XQA BEARING 334 TO 4000..." TO "CLIMB ON HEADING 335 TO 4000..."
5. ADDED REMARK "XQA NDB HAS LONG-TERM OUTAGE SO REMOVED FROM ODP".
6. ADDED REMARK "SEA LANE 32 CLIMB TO ALTITUDE 2500 WITH 685 FT PER NM AND CLIMB TO ALTITUDE 4000 WITH 300 FT PER NM CHOSEN TO ENSURE AIRCRAFT CAN PROCEED ON COURSE PRIOR TO 10 NM OF DEAD RECKONING".
7. DELETED SEA LANE 14 CONTROLLING OBSTACLES 1732 FT TOWER AND 1879 FT AAO, ADDED 1199 FT TREE, 2860 FT AAO, 1619 FT AAO, AND 1759 FT AAO.
8. DELETED SEA LANE 32 CONTROLLING OBSTACLES 1839 FT AAO.
9. MADE 3642 FT AAO REASON FOR MANDATING ODP ROUTE DEVELOPMENT FOR ALL SEA LANES.





# Federal Aviation Administration

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## Memorandum

Date:

To: Leslie H. Smith, Manager, Flight Technologies and  
Procedures Division  
THRU: Stacey L. Zinke-McKee, Manager, Flight Procedure  
Implementation & Oversight Branch

From: Jose Alfonso Lead, Production Integration Coordination Team, AJV-34

Reply To Attn Of: Jose Alfonso  
(405) 954-6378  
FAX (405) 954-1301

Subject: **ACTION:** Approval Request

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TAKEOFF MINIMUMS ODP, Greenville, Greenville, ME (K52B)

Climb gradient exceeds 500 feet per NM, 8260.46d, Para. 2d(2).

The computed climb gradient is 849 feet per NM to an altitude 1172 feet above airport elevation for departures from Sea Lane 14. The obstacle driving this climb gradient is a 1199 MSL tree (80' assumed obstacle). The computed climb gradient is 685 feet per NM to an altitude 1472 feet above airport elevation for departures on Sea Lane 32. The obstacle driving this climb gradient is a 1659 MSL tree (80' assumed obstacle).

Request approval to publish a minimum climb gradient of 849 feet per NM to 2200 for Sea Lane 14 and 695 feet per NM to 2500 for Sea Lane 32.

Worst case vegetation and AAOs were applied in and outside of the initial climb area based on topographical map evaluations, as there are no surveys on file. This seaport is located on a lake inside mountainous terrain. Other routes to avoid rising terrain was explored but limited since XQA NDB is out with a long term outage and cannot be used as part of departure route.

Please respond as soon as possible.