

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
GRAPHIC DEPARTURE PROCEDURES (DP)**

Bearings, headings, courses, tracks and radials are magnetic. Elevations 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.

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>EFFECTIVE DATE</u>
GLARA	TWO	GLARA2.GLARA	ONE	12/15/2011	27 APR 2017

<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

DP ROUTE DESCRIPTION:

TAKE-OFF RWY 17: CLIMB HEADING 172.14 TO 1000, THEN CLIMBING LEFT TURN DIRECT GLARA. THENCE...

TAKE-OFF RWY 35: CLIMB HEADING 352.14 TO 700, THEN CLIMBING RIGHT TURN DIRECT GLARA. THENCE...

...CONTINUE CLIMB IN GLARA HOLDING PATTERN (HOLD SOUTH, LEFT TURNS, 343.00 INBOUND) TO CROSS GLARA AT OR ABOVE 4000 BEFORE PROCEEDING ON COURSE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

<u>TRANSITION NAME</u>	<u>TRANSITION COMPUTER CODE</u>	<u>FROM FIX/NAVAID</u>	<u>TO FIX/NAVAID</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>MEA</u>	<u>MOCA</u>	<u>CROSSING ALTITUDE/FIXES</u>
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PROCEDURAL DATA NOTES:

NOTE: RNAV 1.

NOTE: GPS REQUIRED.

TAKEOFF MINIMUMS:

RWY 17: STANDARD WITH MINIMUM CLIMB OF 375 FT PER NM TO 1000.

RWY 35: STANDARD WITH MINIMUM CLIMB OF 350 FT PER NM TO 700.

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 17: TREES BEGINNING 31 FT FROM DER, 246 FT RIGHT OF CENTERLINE, UP TO 87 FT AGL/316 FT MSL.

TREE 2270 FT FROM DER, 836 FT LEFT OF CENTERLINE, 87 FT AGL/303 FT MSL.

VEHICLE ON ROAD 254 FT FROM DER, 349 FT LEFT OF CENTERLINE, 16 FT AGL/209 FT MSL.

NOTE: RWY 35: TREES BEGINNING 30 FT FROM DER, 163 FT LEFT OF CENTERLINE, UP TO 65 FT AGL/329 FT MSL.

VEHICLE ON ROAD 212 FT FROM DER, 390 FT LEFT OF CENTERLINE, 16 FT AGL/212 FT MSL.

TREES 973 FT FROM DER, 281 FT RIGHT OF CENTERLINE, UP TO 65 FT AGL/253 FT MSL.

CONTROLLING OBSTACLES:**LOST COMMUNICATIONS PROCEDURES:****ADDITIONAL FLIGHT DATA:**

REFERENCE MAG VAR: KUAO 15E EPOCH YEAR: 2020

CHART: TOP ALTITUDE: ASSIGNED BY ATC.

CHART: HOLDING PATTERN AT GLARA, HOLD S, LT, 4 NM LEGS, 343.00 INBOUND.

DME/DME ASSESSMENT: NOT CONDUCTED.

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
AURORA STATE (KUAO)	AURORA	OR

QUALITY
3
CHECKED

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
GRAPHIC DEPARTURE PROCEDURES (DP)**

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<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>EFFECTIVE DATE</u>
GLARA	TWO	GLARA2.GLARA	ONE	12/15/2011	27 APR 2017

COMMUNICATIONS:

ASOS, CLNC DEL, GND CON, TWR, DEP CON

FIXES AND/OR NAVAIDS:



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<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>EFFECTIVE DATE</u>
GLARA	TWO	GLARA2.GLARA	ONE	12/15/2011	27 APR 2017

REMARKS:
ABBREVIATED AMENDMENT.
AIRPORT MAG VAR CHANGE FROM 18E TO 15E.

FLIGHT INSPECTED BY: *Digitally signed by*
JEFFREY ECKMAN **JULIE A MORGAN**
Oct 27, 2016

OFFICE SYMBOL: **DATE:**
FICO 10/11/2016

DEVELOPED BY: *Digitally signed by*
JOHN THORNTON **JOHN R THORNTON**
Sep 02, 2016

OFFICE SYMBOL: **DATE:**
AJV-5413 08/16/2016

APPROVED BY: *Digitally signed by*
LONNIE EVERHART **JULIE A MORGAN**
Oct 27, 2016

OFFICE SYMBOL: **DATE:**
AJV-5430

REQUIRED EFFECTIVE DATE:
CONCURRENT WITH KUAO LOC RWY 17, AMDT 2

COORDINATED WITH:

<u>A4A</u>	<u>ALPA</u>	<u>AOPA</u>	<u>APA</u>	<u>HAI</u>	<u>NBAA</u>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

OTHER:
ZSE, PCX APCH CON, MMX FSS, AIRPORT MANAGER

CHANGES - REASONS:

1. DP ROUTE DESCRIPTION TAKE-OFF RWY 17: CHANGED HEADING FROM 169.14 TO 172.14 DUE TO AIRPORT MAGVAR CHANGE FROM 18E TO 15E-NO CHANGE TO GROUND TRACK.
2. DP ROUTE DESCRIPTION TAKE-OFF RWY 35: CHANGED HEADING FROM 349.14 TO 352.14; DUE TO AIRPORT MAGVAR CHANGE FROM 18E TO 15E-NO CHANGE TO GROUND TRACK.
3. DP ROUTE DESCRIPTION: CHANGED "CONTINUE CLIMB IN HOLD (S, LT, 340.00 INBOUND) IN GLARA HOLDING PATTERN TO MEA FOR DIRECTION OF FLIGHT..." TO READ: CONTINUE CLIMB IN GLARA HOLDING PATTERN (HOLD SOUTH, LEFT TURNS, 343.00 INBOUND) TO CROSS GLARA AT OR ABOVE 4000..."; DUE TO AIRPORT MAGVAR CHANGE FROM 18E TO 15E-NO CHANGE TO GROUND TRACK; MINIMUM MEA SPECIFIED IN DP ROUTE DESCRIPTION SO IT CAN BE CODED.
4. ADDITIONAL FLIGHT DATA: CHANGED REFERENCE MAG VAR FROM 18E EPOCH YR 1995 TO 15E EPOCH YEAR: 2020
5. ADDITIONAL FLIGHT DATA: ADDED "CHART: TOP ALTITUDE: ASSIGNED BY ATC."- IAW 8260.46F.
6. ADDITIONAL FLIGHT DATA: ADDED "CHART: HOLDING PATTERN AT GLARA, HOLD S, LT, 4 NM LEGS, 343.00 INBOUND" - IAW 8260.46F, APPENDIX D, SECTION 2.10.A.
7. AIRPORTS SERVED: ADDED FOUR LETTER IDENTIFIER "(KUAO)" TO AIRPORT NAME TO AID FASTER IDENTIFICATION.
8. COMMUNICATIONS: DELETED "ZSE" AND ADDED "ASOS, CLNC DEL, GND CON, TWR, DEP CON" PER ATC REQUEST.
9. REMARKS: ADDED "ABBREVIATED AMENDMENT" AND "AIRPORT MAGVAR CHANGE FROM 18E TO 15E"; NO CHANGE TO GROUND TRACKS DUE TO AIRPORT MAGVAR CHANGE.

QUALITY
3
CHECKED

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
DEPARTURE (DATA RECORD)**

<u>DP NAME</u>		<u>NUMBER</u>		<u>DP COMPUTER CODE</u>		<u>SUPERSEDED NUMBER</u>		<u>DATED</u>	<u>EFFECTIVE DATE</u>
GLARA		TWO		GLARA2.GLARA		ONE		12/15/2011	27 APR 2017
<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG TYPE</u>	<u>TC</u>	<u>DIST (NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
RWY 17 (AER)	451514.17N/1224607.83W	N	-	-	-	-			CG 375 FT/NM TO 1000
1000 MSL		-	-	VA	187.14	-			LEFT TURN
GLARA	451640.41N/1223611.35W	Y	FO	DF	-	-			
GLARA	451640.41N/1223611.35W	Y	FO	HA	358.00	4.00	4000		LEFT TURN
RWY 35 (AER)	451425.15N/1224616.52W	N	-	-	-	-			CG 350 FT/NM TO 700
700 MSL		-	-	VA	007.14	-			RIGHT TURN
GLARA	451640.41N/1223611.35W	Y	FO	DF	-	-			
GLARA	451640.41N/1223611.35W	Y	FO	HA	358.00	4.00	4000		LEFT TURN

QUALITY
3
CHECKED