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.
TATITLEK, AK	TATITLEK	01/10/2013	ORIG-A

TAKEOFF MINIMUMS:

RWY 13, STANDARD WITH MINIMUM CLIMB OF 358 FT PER NM TO 2500 OR 3400-2 FOR CLIMB IN VISUAL CONDITIONS.
RWY 31, STANDARD WITH MINIMUM CLIMB OF 370 FT PER NM TO 900, OR 3400-2 FOR CLIMB IN VISUAL CONDITIONS.

TEXTUAL DEPARTURE PROCEDURES:

RWY 13 - CLIMBING RIGHT TURN HEADING 145.82 AND JOH R-338 TO JOH VOR/DME BEFORE PROCEEDING ON COURSE OR...
RWY 31 - CLIMBING LEFT TURN HEADING 252.00 TO INTERCEPT JOH R-316 TO JOH VOR/DME BEFORE PROCEEDING ON COURSE DO NOT EXCEED 180 KIAS UNTIL ESTABLISHED ON JOH R-316 OR...

RWY 13, 31 - ...FOR CLIMB IN VISUAL CONDITIONS: CROSS TATITLEK AIRPORT AT OR ABOVE 3300 THEN VIA JOH R-336 TO JOH VOR/DME BEFORE PROCEEDING ON COURSE DO NOT EXCEED 180 KIAS UNTIL ESTABLISHED ON JOH R-336 TO JOH VOR/DME.

NOTE: RAPIDLY RISING TERRAIN NORTHWEST OF PROCEDURE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 13, TREES 335 FT FROM DER, 411 FT RIGHT OF CENTERLINE, 39 FT AGL/79 FT MSL. TREES 11 FT FROM DER, 467 FT LEFT OF CENTERLINE, 34 FT AGL/74 FT MSL. BUSH 429 FT FROM DER, 48 FT RIGHT OF CENTERLINE, 12 FT AGL/52 FT MSL. VENT ON BUILDING 1172 FT FROM DER, 767 FT LEFT OF CENTERLINE, 58 FT AGL/98 FT MSL. POLE 3072 FT FROM DER, 194 FT LEFT OF CENTERLINE, 99 FT AGL/139 FT MSL.
NOTE: RWY 31, TREES BEGINNING 23 FT FROM DER, 339 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/703 FT MSL.

CONTROLLING OBSTACLES:

RWY 13: 850 FT MSL TREE 604939.37N/1463734.47W, 1899 FT MSL AAO 604332.77N/1463555.31W.

RWY 31: 649 FT MSL TREE 605144.79N/1464641.31W, 549 FT MSL TREE 605413.14N/1464252.96W,

RWY 13, 31 (VCOA): 2999 FT MSL AAO 605435.22N/1464028.85W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:

ALL RWYS: 5178 FT MSL AAO 610048.00N/1462406.00W, 5574 FT MSL AAO 611021.54N/1461341.91W, 6086 FT MSL AAO 605402.60N/1462134.80W.

RWY 31: 703 FT MSL TREE 605415.82N/1464242.50W.

QUALITY CHECKED

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City, State	Airport	Effective Date	Amdt. No.
TATITLEK, AK	TATITLEK	01/10/2013	ORIG-A

REMARKS:

FLIGHT INSPECTED BY:

KARL E. WAHLBORG AVN 6/24/11

REQUIRED EFFECTIVE DATE:

1/10/2013

DEVELOPED BY:

ADOLFO URRUTIA (AMANDA ROBBINS) AJV-354 08/01/2012

APPROVED BY:

DEZ SILAGYI AJV-354

COORDINATED WITH:

CHANGES:

1. UPDATE ALL JOH RADIALS AND HEADINGS.

2. CHANGE TEXTUAL DEPARTURE PROCEDURE: RWY 13 FROM "CLIMBING RIGHT TURN HEADING 145.82 AND JOH R-329" TO "CLIMBING RIGHT TURN HEADING 145.82 AND JOH R-338".

3. CHANGE TEXTUAL DEPARTURE PROCEDURE: RWY 31 FROM "CLIMBING LEFT TURN HEADING 252.00 TO INTERCEPT JOH R-307 TO JOH VOR/DME BEFORE PROCEEDING ON COURSE DO NOT EXCEED 180 KIAS UNTIL ESTABLISHED ON JOH R-307 OR..." TO "CLIMBING LEFT TURN HEADING 252.00 TO INTERCEPT JOH R-316 TO JOH VOR/DME BEFORE PROCEEDING ON COURSE DO NOT EXCEED 180 KIAS UNTIL ESTABLISHED ON JOH R-316 OR...".

4. CHANGE TEXTUAL DEPARTURE PROCEDURE: RWY 13, 31 FROM "FOR CLIMB IN VISUAL CONDITIONS: CROSS TATITLEK AIRPORT AT OR ABOVE 3300 THEN VIA JOH R-327 TO JOH VOR/DME BEFORE PROCEEDING ON COURSE DO NOT EXCEED 180 KIAS UNTIL ESTABLISHED ON JOH R-327 TO JOH VOR/DME" TO "FOR CLIMB IN VISUAL CONDITIONS: CROSS TATITLEK AIRPORT AT OR ABOVE 3300 THEN VIA JOH R-336 TO JOH VOR/DME BEFORE PROCEEDING ON COURSE DO NOT EXCEED 180 KIAS UNTIL ESTABLISHED ON JOH R-336 TO JOH VOR/DME".

REASONS:

1., 2., 3., 4., 5., MAGVAR UPDATED ON FACILITY JOHNSTONE POINT VOR/DME FROM 1980/E27 TO 2015/E18.

QUALITY Service

RADIO FIX AND HOLDING DATA RECORD

NAME: JOHNSTONE POINT VOR/DME **STATE:** AK **COUNTRY:** US

LATITUDE/LONGITUDE: 602851.43N/1463557.61W **TYPE:**

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	JOHNSTONE POINT	JOH	VOR/DME	H							45000

FIX RESTRICTIONS:
MCA V319 4800 EASTBOUND
MCA T269 4800 EASTBOUND
SPECIAL RNAV (GPS)-B, PAVD, VALDEZ, AK
SPECIAL LDA/DME-G, PAVD, VALDEZ, AK
SPECIAL RNAV (GPS)-A, PFCB, CHENEGA, AK

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	SE	JOH	VOR/DME	134.00	314.00	R	1		5000	10000	5	9
2	SE		WP	132.00	312.00	R		5	4400	10000	6	10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	602446.30N/1463248.90W	3110	6A
1	310	AAO	602446.30N/1463248.90W	3110	6A
2	200	AAO	602446.30N/1463248.90W	3110	6A

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	310	111
2	200	106

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.
PAT1 FOR ATC CIH PURPOSES TO ACCOMMODATE DISCREPANCIES IN AIRWAY MEAS.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ANCHORAGE			PANC	ANCHORAGE	AK (US)
DP	TURNAGAIN			PANC	ANCHORAGE	AK (US)
DP	CASEL			PACV	CORDOVA	AK (US)
DP	EYAKS			PACV	CORDOVA	AK (US)
DP	TAKEOFF MINIMUMS			PAKA	TATITLEK	AK (US)
DP	JMAAL (OBST)			PAVD	VALDEZ	AK (US)
DP	NAKED			PAVD	VALDEZ	AK (US)
EN ROUTE	J133					(US)
EN ROUTE	J167					(US)
EN ROUTE	J501					(US)
EN ROUTE	J617					(US)
EN ROUTE	Q14					(US)
EN ROUTE	T226					(US)
EN ROUTE	T262					(US)
EN ROUTE	T269					(US)
EN ROUTE	V319					(US)
EN ROUTE	V320					(US)
EN ROUTE	V481					(US)
EN ROUTE	V482					(US)
EN ROUTE	V617					(US)
IAP	RNAV (GPS)-A			PFCB	CHENEGA	AK (US)
IAP	ILS OR LOC/DME RWY27			PACV	CORDOVA	AK (US)
IAP	RNAV (GPS)-B			PACV	CORDOVA	AK (US)
IAP	RNAV (GPS) RWY 31		2	PAKA	TATITLEK	AK (US)
IAP	LDA/DME-G			PAVD	VALDEZ	AK (US)
IAP	LDA/DME-H			PAVD	VALDEZ	AK (US)
IAP	RNAV (GPS)-B			PAVD	VALDEZ	AK (US)
STAR	ELLAM			PANC	ANCHORAGE	AK (US)
STAR	PTERS (RNAV)			PANC	ANCHORAGE	AK (US)
STAR	WITTI (RNAV)			PANC	ANCHORAGE	AK (US)
STAR	YESKA			PANC	ANCHORAGE	AK (US)

REQUIRED CHARTING: DP, STAR, IAP, CONTROLLER, EN ROUTE LOW, EN ROUTE HIGH

COMPULSORY REPORTING POINT: BOTH

RECORD REVISION NUMBER: 11 **DATE OF REVISION:** 01/10/2013

REASON FOR REVISION:
UPDATED FIX USE.
UPDATED FAC1 DATA, FAC1 MAGVAR ROTATION FROM 1980 E27 TO 2015 E18.
UPDATED HOLDING PAT1 CRS INBOUND FROM 305M(332T) TO 314M(332T).
UPDATED HOLDING PAT1 RAD/CRS/BRG FROM 125M(152T) TO 134M(152T).
REMOVED REMARK: ADDITIONAL AIRSPACE REQUIRED FOR HOLDING UP TO P9, NO LONGER NEEDED.
ADDED HOLDING RESTRICTION:PAT1 FOR ATC CIH PURPOSES TO ACCOMMODATE DISCREPANCIES IN AIRWAY MEAS.

DEVELOPED BY: **DATE:** 08/02/2012 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (AMANDA ROBBINS)

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZAN
ATC FACILITY:
OTHER: