

RADIO FIX AND HOLDING DATA RECORD

NAME: ANCHORAGE VOR/DME **STATE:** AK **COUNTRY:** US **ICAO REGION CODE:** PA
LATITUDE/LONGITUDE: 611004.32N/1495736.52W **TYPE:**
AIRSPACE DOCKET: 23-AAL-28 **FIX TYPE OF ACTION:** NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	MRA	MAA
1	ANCHORAGE	TED	VOR/DME	H						45000

FIX RESTRICTIONS:

MCA V440 6000 SOUTHEAST BOUND
 MCA V320 6000 SOUTHEAST BOUND
 MCA V319 8000 EASTBOUND
 MCA V441 4200 SOUTHEAST BOUND
 MCA T269 6200 EASTBOUND

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	W	TED	VOR/DME	248.42	068.42	L	1		1700	7000	4	8

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	175	AAO	610712.00N/1494912.00W	604	4E
1	230	AAO	610712.00N/1494912.00W	604	4E

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:

PAT 1 CLIMB-IN-HOLD DO NOT EXCEED 230 KNOTS.
 HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

CHART 175 KIAS ICON PAT 1
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 MAGVAR 18E/2020

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ANCHORAGE			PANC	ANCHORAGE	AK (US)
DP	KNIK			PANC	ANCHORAGE	AK (US)
DP	POTTR			PANC	ANCHORAGE	AK (US)
DP	TURNAGAIN			PANC	ANCHORAGE	AK (US)
DP	ODP (SPECIAL)			PABG	BELUGA	AK (US)
EN ROUTE	J111					(US)
EN ROUTE	J115					(US)
EN ROUTE	J125					(US)
EN ROUTE	J133					(US)
EN ROUTE	J501					(US)
EN ROUTE	J511					(US)
EN ROUTE	J804R					(US)
EN ROUTE	Q43					(US)
EN ROUTE	Q44					(US)
EN ROUTE	Q8					(US)
EN ROUTE	Q801					(US)
EN ROUTE	Q811					(US)
EN ROUTE	T223					(US)
EN ROUTE	T244					(US)
EN ROUTE	T246					(US)
EN ROUTE	T269					(US)
EN ROUTE	V319					(US)
EN ROUTE	V320					(US)
EN ROUTE	V334					(US)
EN ROUTE	V388					(US)
EN ROUTE	V436					(US)
EN ROUTE	V438					(US)
EN ROUTE	V440					(US)
EN ROUTE	V441					(US)
EN ROUTE	V456					(US)
EN ROUTE	V462					(US)
IAP	HIGHWAY VISUAL RWY 25R		1	PANC	ANCHORAGE	AK (US)
IAP	ILS OR LOC RWY 7L			PANC	ANCHORAGE	AK (US)
IAP	ILS OR LOC RWY 7R			PANC	ANCHORAGE	AK (US)
IAP	ILS RWY 15			PANC	ANCHORAGE	AK (US)
IAP	ILS RWY 7L (SA CAT I-II)			PANC	ANCHORAGE	AK (US)
IAP	ILS RWY 7R (CAT II-III)			PANC	ANCHORAGE	AK (US)

IAP	ILS RWY 7R (SA CAT I)	PANC	ANCHORAGE	AK (US)
IAP	SEWARD VISUAL RWY 25L	PANC	ANCHORAGE	AK (US)
IAP	RNAV (GPS) RWY 7	PAGQ	BIG LAKE	AK (US)
IAP	ILS Z OR LOC Z RWY 20R	PAEN	KENAI	AK (US)
STAR	AMOTT	PANC	ANCHORAGE	AK (US)
STAR	ELLAM	PANC	ANCHORAGE	AK (US)
STAR	TAGER	PANC	ANCHORAGE	AK (US)
STAR	YESKA	PANC	ANCHORAGE	AK (US)

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

COMPULSORY REPORTING POINT: LOW/HIGH

RECORD REVISION NUMBER: 22

DATE OF REVISION: 10/31/2024

REASON FOR REVISION:

AIRSPACE DOCKET: CHANGED 19-AAL-72 TO 23-AAL-28.

REASON FOR NON-STANDARD HOLDING: ADDED ATC REQUEST.

FIX USE: ADDED Q801. REMOVED PAED DESKA (MIL ONLY) STAR. CHANGED PANC POTTER DP TO POTTR.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE: 10/31/2024

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: JOHNSTONE POINT VOR/DME **STATE:** AK **COUNTRY:** US **ICAO REGION CODE:** PA
LATITUDE/LONGITUDE: 602851.43N/1463557.61W **TYPE:**
AIRSPACE DOCKET: 23-AAL-28 **FIX TYPE OF ACTION:** NO CHANGE

FIX MAKE-UP FACILITIES:

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

FIX RESTRICTIONS:

MCA T269 5000 EASTBOUND
 MCA V319 4800 EASTBOUND
 MCA V481 14000 NORTHBOUND

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME DME	HOLDING ALTITUDES MIN MAX	TEMPLATES MIN 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	6C
1	310	AAO	602446.30N/1463248.90W	3110	6C
2	200	AAO	602446.30N/1463248.90W	3110	6C

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	200	110
2	200	106

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 PAT 1 FOR ATC CIH PURPOSES TO ACCOMMODATE DISCREPANCIES IN AIRWAY MEAS.
 ASSIGNED FACILITY MAGVAR: E18/2015.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
SPECIAL DP	FJORD (RNAV)			PAVD	VALDEZ	AK (US)
SPECIAL DP	JOHNSTONE POINT			PAVD	VALDEZ	AK (US)
SPECIAL IAP	RNAV (GPS) M RWY 9			PACV	CORDOVA	AK (US)
SPECIAL IAP	RNAV (RNP) M RWY 27			PACV	CORDOVA	AK (US)
SPECIAL IAP	LDA-G			PAVD	VALDEZ	AK (US)
SPECIAL IAP	RNAV (GPS)-B			PAVD	VALDEZ	AK (US)
DP	ANCHORAGE			PANC	ANCHORAGE	AK (US)
DP	POTTR			PANC	ANCHORAGE	AK (US)
DP	TURNAGAIN			PANC	ANCHORAGE	AK (US)
DP	EYAKS (RNAV)			PACV	CORDOVA	AK (US)
DP	TAKEOFF MINIMUMS			PAKA	TATITLEK	AK (US)
DP	JMAAL (OBSTACLE)			PAVD	VALDEZ	AK (US)
DP	NAKED			PAVD	VALDEZ	AK (US)
EN ROUTE	J167					(US)
EN ROUTE	J501					(US)
EN ROUTE	J617					(US)
EN ROUTE	Q14					(US)
EN ROUTE	Q801					(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	V617					(US)
IAP	ILS OR LOC RWY 27			PACV	CORDOVA	AK (US)
IAP	RNAV (GPS)-B			PACV	CORDOVA	AK (US)
IAP	RNAV (GPS) RWY 31		2	PAKA	TATITLEK	AK (US)
IAP	LDA-H			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, EN ROUTE LOW, EN ROUTE HIGH, SPECIAL IAP, SPECIAL DP, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: LOW/HIGH

RECORD REVISION NUMBER: 21

DATE OF REVISION: 10/31/2024

REASON FOR REVISION:

AIRSPACE DOCKET: ADDED 23-AAL-28.

FIX USE: REMOVED J133 AND ADDED Q801. CHANGED PANC POTTER DP TO POTTR. CHANGED PAVD JMAAL (OBST) DP TO JMAAL (OBSTACLE).

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE: 10/31/2024

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: MIDDLETON ISLAND VOR/DME STATE: AK COUNTRY: US ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 592518.50N/1462100.05W 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	FEET	MRA	MAA
1	MIDDLETON ISLAND	MDO	VOR/DME	H							45000

HOLDING: HOLDING TYPE OF ACTION: MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	S	MDO	VOR/DME	202.18	022.18	R	1		1500	6000	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	592457.00N/1462121.00W	365	4B

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ANCHORAGE			PANC	ANCHORAGE	AK (US)
EN ROUTE	J179					(US)
EN ROUTE	J605					(US)
EN ROUTE	J804R					(US)
EN ROUTE	Q16					(US)
EN ROUTE	Q17					(US)
EN ROUTE	T237					(US)
EN ROUTE	T264					(US)
EN ROUTE	V440					(US)
EN ROUTE	V441					(US)
EN ROUTE	V508					(US)
IAP	VOR RWY 2		1	PAMD	MIDDLETON ISLAND	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: LOW/HIGH

RECORD REVISION NUMBER: 11 DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. FIX USE: DELETED PACV DP CASEL.
2. CONTROLLING OBSTRUCTIONS: PAT 1 CHANGED FROM 200' SHIP 591803.43N/1463029.84W AC 4D TO 365' AAO 592457.00N/1462121.00W AC 4B.

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 NAME: WILLIAM MELTON

APPROVED BY: DATE: 09/05/2024 OFFICE: AJV-A423 NAME: ALLAN WILL

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: NODLE

STATE: AK

COUNTRY: US

ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 611700.00N/1520000.00W

TYPE: WP, INT

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 FEET	MRA	MAA
1	ANCHORAGE	TED	VOR/DME	H	259.59	277.59	59.58	59.58	13700	45000
2	KENAI	ENA	VOR/DME	H	311.01	330.01	46.61	46.61	13700	45000
3	BIG LAKE	BGQ	VORTAC	H	235.52	254.52		61.07	13700	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
TED	VOR/DME	R-260	60	13700	14600
ENA	VOR/DME	R-311	47	13700	14700
BGQ	VORTAC	R-236	62	13700	14700

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

AIRCRAFT DEPARTING ON THE ANCHORAGE OR KNIK SID, CROSS AT 13,700 WESTBOUND.

LONG RANGE NAVIGATION REQUIRED.

ANCHORAGE (FAC 1) AND KENAI (FAC 2) USED TO ESTABLISH FIX COORDINATES. NODLE FIX WAS ORIGINALLY ONLY A WP. NODLE INTERSECTION IS NEEDED TO SUPPORT ANCHORAGE SID.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ANCHORAGE	1, 2		PANC	ANCHORAGE	AK (US)
DP	KNIK	1, 2		PANC	ANCHORAGE	AK (US)
EN ROUTE	R220					(US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 10/10/2019

REASON FOR REVISION:

ADDED ENROUTE LOW AND CHANGED CONTROLLER TO CONTROLLER HIGH & LOW IN REQUIRED CHARTING.

ADDED FIX MAKE-UP FACILITIES AND ASSOCIATED DATA.

UPDATED NODLE FIX TYPE TO SHOW WP AND INTERSECTION

ADDED FACILITY ESV'S

ADDED REMARKS

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A420

NAME: LORRI DOWNEY

APPROVED BY:

DATE: 10/10/2019

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

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