

RADIO FIX AND HOLDING DATA RECORD

NAME: ANCHORAGE VOR/DME **STATE:** AK **COUNTRY:** US **ICAO REGION CODE:** PA

LATITUDE/LONGITUDE: 611004.32N/1495736.51W **TYPE:**

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

FIX MAKE-UP FACILITIES:

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

FIX RESTRICTIONS:

MCA V320 6000 SOUTHEAST BOUND
MCA V319 8000 EASTBOUND
MCA T269 6300 EASTBOUND
MCA V441 4200 SOUTHEAST BOUND
MCA V440 6000 SOUTHEAST BOUND

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	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
UPN	200	AAO	611003.00N/1493554.00W	4636	4E
UPN	230	AAO	610600.90N/1493056.60W	5645	4E

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
UPN	200	303
UPN	230	332

HOLDING RESTRICTIONS:

UNPLANNED HOLDING 6000 DO NOT EXCEED 200 KNOTS.
UNPLANNED HOLDING 7000-8000.
PAT 1 CLIMB-IN-HOLD DO NOT EXCEED 230 KNOTS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	TAKEOFF MINIMUMS	PAMR	ANCHORAGE	AK (US)

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	TAKEOFF MINIMUMS		1	PAMR	ANCHORAGE	AK (US)
DP	ANCHORAGE			PANC	ANCHORAGE	AK (US)
DP	KNIK			PANC	ANCHORAGE	AK (US)
DP	POTTER			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	T227					(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	V436					(US)
EN ROUTE	V438					(US)
EN ROUTE	V440					(US)
EN ROUTE	V441					(US)

EN ROUTE	V456			(US)
EN ROUTE	V462	1		(US)
EN ROUTE	VOR-A		PASX	AK (US)
IAP	HIGHWAY VISUAL RWY 25R		PANC	ANCHORAGE
IAP	ILS OR LOC RWY 7L		PANC	ANCHORAGE
IAP	ILS OR LOC RWY 7R		PANC	ANCHORAGE
IAP	ILS RWY 15		PANC	ANCHORAGE
IAP	ILS RWY 7L (SA CAT I-II)		PANC	ANCHORAGE
IAP	ILS RWY 7R (CAT II-III)		PANC	ANCHORAGE
IAP	ILS RWY 7R (SA CAT I)		PANC	ANCHORAGE
IAP	SEWARD VISUAL RWY 25L		PANC	ANCHORAGE
IAP	RNAV (GPS) RWY 7		PAGQ	BIG LAKE
STAR	DESKA (MIL ONLY)		PAED	ANCHORAGE
STAR	AMOTT		PANC	ANCHORAGE
STAR	ELLAM		PANC	ANCHORAGE
STAR	TAGER		PANC	ANCHORAGE
STAR	YESKA		PANC	ANCHORAGE

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

COMPULSORY REPORTING POINT: LOW/HIGH

RECORD REVISION NUMBER: 17

DATE OF REVISION: 10/10/2019

REASON FOR REVISION:

ADDED POTTER SID TO FIX USE.

ADDED MAGVAR 18E/2020 TO REMARKS.

ADDED CONTROLLER LOW/HIGH TO CHARTING REQUIREMENTS.

REMOVED "DME" FROM PANC ILS OR LOC RWY 7L AND PANC ILS OR LOC RWY 7R.

REMOVED PAT 1 FROM PANC ILS OR LOC RWY 7R, ILS RWY 7R (SA CAT I), ILS RWY 7R (CAT II-III) AND ILS RWY 7L (SA CAT I-II).

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: LORRI DOWNEY

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZAN

ATC FACILITY: ANC APP CON

OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: ELIAS STATE: AK COUNTRY: US ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 610956.19N/1503624.86W TYPE: WP, INT, DME

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	MRA	MAA
1	ANCHORAGE	I-ANC	LOC/DME		253.85	269.85	18.62	18.64	2000	4500
2	KENAI	ENA	VOR/DME	H	008.23	027.23	37.36	37.36	2000	17500
3	ANCHORAGE	TED	VOR/DME	H	251.87	269.87	18.80	18.80	2000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-ANC	LOC/DME	R-254	19	1600	4500

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	I-ANC	LOC/DME	253.85	073.85	R	1		3000	4500	5	6
2	S	ENA	VOR/DME	008.23	008.23	R	1		3000	14000	6	12

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	610951.00N/1503800.00W	200	4E
2	200	AAO	610951.00N/1503800.00W	200	4E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

ANCHORAGE (FAC 1) AND KENAI (FAC 2) USED TO ESTABLISH FIX COORDINATES
 FAC 1 DME COORDINATES: 611002.02N/1495758.40W.
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 PAT 1 AND 2 ATC USE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC/DME RWY 7R	1, 2		PANC	ANCHORAGE	AK (US)
IAP	ILS RWY 7R (CAT II-III)	1, 2		PANC	ANCHORAGE	AK (US)
IAP	ILS RWY 7R (SA CAT I)	1, 2		PANC	ANCHORAGE	AK (US)
IAP	RNAV (RNP) Z RWY 7R			PANC	ANCHORAGE	AK (US)
STAR	NEELL (RNAV)			PANC	ANCHORAGE	AK (US)

REQUIRED CHARTING: DP, STAR, MILITARY IAP, IAP, AREA

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9

DATE OF REVISION: 02/01/2018

REASON FOR REVISION:

UPDATED FAC 1 ANC LOC/DME MAGVAR CHANGE FROM 18E TO 16E; UPDATED MAG BRG FROM 251.85 TO 253.85.
 UPDATED HOLDING PAT 1 ANC LOC/DME CHANGE FROM 18E TO 16E; UPDATED MAG BRG FROM 071.85 TO 073.85 AND 251.85 TO 253.85.
 UPDATED ANC LOW RADIAL FOR ESV FROM R-252 TO R-254.

12/6/17: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 11/17/17.

1. TED VOR/DME MAGVAR IS NOT BEING ROTATED AT THIS TIME, CHANGED ALL REFERENCE BACK TO ORIGINAL TED VOR/DME MAGVAR OF E18 2020 VS E16 2020.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 06/30/2017	OFFICE: AJV-5411	NAME: BRYAN BLUE
APPROVED BY:	DATE:	OFFICE: AJV-5410	NAME: GEORGE DAVIS

SIGNATURE:

DISTRIBUTION: NFDC
 FPO: WST
 ARTCC: ZAN
 ATC FACILITY: ANC APP CON, ANC ATCT
 OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: JUKEP

STATE: AK

COUNTRY: US

ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 610001.26N/1502029.03W

TYPE: WP, DME

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	MRA	MAA
1	ANCHORAGE	TED	VOR/DME	H	209.95	227.95	15.00	15.00	3000	17500
2	KENAI	ENA	VOR/DME	H	027.87	046.87	34.18	34.18	3000	17500
3	ELMENDORF	EDF	TACAN	H	209.63	227.63	22.63	22.63	3000	17500

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	NE	TED	VOR/DME	029.95	209.95	R	1		3000	6000	5	6
2	NE	WP	WP	030.00	210.00	R		4	3000	6000	5	6
3	NE	ENA	VOR/DME	027.87	207.87	R	1		3000	6000	6	7
4	NE	EDF	TACAN	029.63	209.63	R	1		3000	6000	13	14

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	WINDMILL (02-020275)	610744.47N/1501334.55W	599	4D
2	200	WINDMILL (02-020275)	610744.47N/1501334.55W	599	4D
3	200	WINDMILL (02-020275)	610744.47N/1501334.55W	599	4D
4	310	AAO	610712.00N/1494912.00W	604	4E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

ANCHORAGE (FAC 1) USED TO ESTABLISH FIX COORDINATES.

PRECIPITIOUS TERRAIN EVALUATION COMPLETED.

310 KIAS SELECTED FOR HOLDING PATTERN 4 TO ACCOMMODATE INCREASED AIRSPEED HOLDING UTILIZED BY MILITARY AIRCRAFT.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 7L	1, 2, 3	1, 3, 4	PANC	ANCHORAGE	AK (US)
IAP	ILS OR LOC RWY 7R	1, 2, 3	1, 3, 4	PANC	ANCHORAGE	AK (US)
IAP	ILS RWY 15	1, 2, 3	1, 3, 4	PANC	ANCHORAGE	AK (US)
IAP	ILS RWY 7L (SA CAT I-II)	1, 2, 3	1, 3, 4	PANC	ANCHORAGE	AK (US)
IAP	ILS RWY 7R (CAT II-III)	1, 2, 3	1, 3, 4	PANC	ANCHORAGE	AK (US)
IAP	ILS RWY 7R (SA CAT I)	1, 2, 3	1, 3, 4	PANC	ANCHORAGE	AK (US)
IAP	RNAV (GPS) RWY 15		2	PANC	ANCHORAGE	AK (US)
IAP	RNAV (GPS) RWY 7L		2	PANC	ANCHORAGE	AK (US)
IAP	RNAV (GPS) Y RWY 7R		2	PANC	ANCHORAGE	AK (US)
IAP	RNAV (RNP) Z RWY 7R		2	PANC	ANCHORAGE	AK (US)

REQUIRED CHARTING: MILITARY IAP, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 10/10/2019

REASON FOR REVISION:

1. UPDATED FIX MAKEUP FACILITIES - ADDED KENAI VOR(ENA) AND ELMENDORF TACAN (EDF) AS FIX MAKE UP FACILITIES.
2. ADDED HOLDING PATTERNS, ALTITUDES AND OBSTACLES FROM ENA AND EDF- ALTERNATE HOLDING PATTERNS ADDED TO ILS PROCEDURES AT PANC.
3. CHANGED MINIMUM HOLDING ALTITUDES FOR PAT 1 AND PAT 2 FROM 2500 TO 3000 - FPT REQUEST.
4. ADDED 3 AND 4 TO PAT UNDER FIX USE FOR ALL ILS PROCEDURES.
5. ADDED 2 TO FAC UNDER FIX USE FOR ALL ILS PROCEDURES.
6. ADDED ANCHORAGE (FAC 1) USED TO ESTABLISH FIX COORDINATES.
7. CHANGED MRA FROM 2000 TO 3000.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: TAYLOR GIBSON

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION: **NFDC**
 FPO: WST
 ARTCC: ZAN
 ATC FACILITY: ANC APP CON, ANC ATCT
 OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: KENAI VOR/DME

STATE: AK

COUNTRY: US

ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 603652.93N/1511142.87W

TYPE:

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

FIX MAKE-UP FACILITIES:

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

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	265	AAO	601903.00N/1504936.00W	1034	4E

HOLDING RESTRICTIONS:

UNPLANNED HOLDING AUTHORIZED AT 2100 UP TO AND INCLUDING 14000.

REMARKS:

KENAI (FAC 1) USED TO ESTABLISH FIX COORDINATES
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAGVAR: E19 2020.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ANCHORAGE			PANC	ANCHORAGE	AK (US)
DP	TAKE-OFF MINIMUMS			PANC	ANCHORAGE	AK (US)
DP	TURNAGAIN			PANC	ANCHORAGE	AK (US)
EN ROUTE	J115					(US)
EN ROUTE	J179					(US)
EN ROUTE	V334					(US)
EN ROUTE	V388					(US)
EN ROUTE	V435					(US)
EN ROUTE	V456					(US)
EN ROUTE	V457					(US)
EN ROUTE	V508					(US)
IAP	ILS OR LOC RWY 07L			PANC	ANCHORAGE	AK (US)
IAP	ILS OR LOC RWY 07R			PANC	ANCHORAGE	AK (US)
IAP	ILS RWY 07L (SA CAT I)			PANC	ANCHORAGE	AK (US)
IAP	ILS RWY 07L (SA CAT II)			PANC	ANCHORAGE	AK (US)
IAP	ILS RWY 07R (CAT II)			PANC	ANCHORAGE	AK (US)
IAP	ILS RWY 07R (CAT III)			PANC	ANCHORAGE	AK (US)
IAP	ILS RWY 07R (SA CAT I)			PANC	ANCHORAGE	AK (US)
IAP	ILS RWY 15			PANC	ANCHORAGE	AK (US)
IAP	ILS OR LOC RWY 20R			PAEN	KENAI	AK (US)
IAP	RNAV (GPS) RWY 2L			PAEN	KENAI	AK (US)
IAP	VOR RWY 20R			PAEN	KENAI	AK (US)
IAP	VOR RWY 2L			PAEN	KENAI	AK (US)
IAP	NDB RWY 07			PASX	SOLDOTNA	AK (US)
IAP	NDB RWY 25			PASX	SOLDOTNA	AK (US)
IAP	VOR-A			PASX	SOLDOTNA	AK (US)
STAR	AMOTT			PANC	ANCHORAGE	AK (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 10/10/2019

REASON FOR REVISION:

UPDATED FIX USE: ADDED ILS RWY 15 AT PANC.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: DALE SICKELS

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZAN
ATC FACILITY: ANC APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: WIVDA

STATE: AK

COUNTRY: US

ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 611003.61N/1500756.41W

TYPE: DME

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	FAC FEET	MRA	MAA
1	ANCHORAGE	I-ANC	LOC/DME		253.83	269.83	4.83	4.85		900	4500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

FAC 1 DME COORDINATES: 611002.02N/1495758.40W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC/DME RWY 7R	1		PANC	ANCHORAGE	AK (US)
IAP	ILS RWY 7R (CAT II-III)	1		PANC	ANCHORAGE	AK (US)
IAP	ILS RWY 7R (SA CAT I)	1		PANC	ANCHORAGE	AK (US)

REQUIRED CHARTING: MILITARY IAP, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 02/01/2018

REASON FOR REVISION:

UPDATED FAC 1 ANV LOC MAGVAR CHANGE FROM 18E TO 16E; UPDATED MAG BRG FROM 251.85 TO 253.85.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 06/30/2017

OFFICE: AJV-5411

NAME: BRYAN BLUE

APPROVED BY:

DATE:

OFFICE: AJV-5410

NAME: GEORGE DAVIS

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZAN
ATC FACILITY: ANC APP CON
OTHER: