

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: NO CHANGE

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: 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	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 RWY 7R			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	KROTO (RNAV)			PANC	ANCHORAGE	AK (US)
STAR	NEELL (RNAV)			PANC	ANCHORAGE	AK (US)
STAR	WITTI (RNAV)			PANC	ANCHORAGE	AK (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11

DATE OF REVISION: 10/31/2024

REASON FOR REVISION:

FIX USE ADDED KROTO AND WITTI STAR @ PANC

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: JOSHUA DUGAN

APPROVED BY:

DATE: 10/31/2024

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

Digitally signed by

ROBERT G HAMILTON

Sep 04, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: GULKANA VOR/DME

STATE: AK

COUNTRY: US

ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 620913.51N/1452650.51W

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 FAC NM	FEET	MRA	MAA
1	GULKANA	GKN	VOR/DME	H							45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	NW	GKN	VOR/DME	293.00	113.00	R	1		4000	17500	4	17

CONTROLLING OBSTRUCTIONS:

PAT	AIR SPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	621415.00N/1454512.00W	2097	4E
1	310	AAO	620824.00N/1460830.00W	2851	4E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	TAKE-OFF MINIMUMS	PAGK	GULKANA	AK (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAGVAR: 17E/2020.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	TAKE-OFF MINIMUMS		1	PAGK	GULKANA	AK (US)
DP	GULKANA (OBSTACLE) (RNAV)			PFTO	TOK	AK (US)
EN ROUTE	J124					(US)
EN ROUTE	J167					(US)
EN ROUTE	J511					(US)
EN ROUTE	NCA14					(US)
EN ROUTE	Q811					(US)
EN ROUTE	T226					(US)
EN ROUTE	T372					(US)
EN ROUTE	T415					(US)
EN ROUTE	V456					(US)
EN ROUTE	V481					(US)
EN ROUTE	V515					(US)
IAP	RNAV (GPS) RWY 33R			PAGK	GULKANA	AK (US)
IAP	VOR RWY 15L		1	PAGK	GULKANA	AK (US)
IAP	VOR-A			PAGK	GULKANA	AK (US)
STAR	PTERS (RNAV)			PANC	ANCHORAGE	AK (US)

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

COMPULSORY REPORTING POINT: LOW/HIGH

RECORD REVISION NUMBER: 19

DATE OF REVISION: 10/31/2024

REASON FOR REVISION:

REMOVED KROTO RNAV STAR @ PANC

09/03/24: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 08/13/24.

1. FIX RESTRICTIONS REMOVED MCA V481 11200 SOUTHBOUND.

2. FIX USE ADDED PAT 1 TO VOR RWY 15L @ PAGK.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: JOSHUA DUGAN

APPROVED BY:

DATE: 10/31/2024

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

Digitally signed by
ROBERT G HAMILTON
Sep 04, 2024

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: IRONC

STATE: AK

COUNTRY: US

ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 622425.02N/1490458.84W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:
USE TYPE
STAR

USE TITLE
KROTO (RNAV)

FAC

PAT

AIRPORT IDENT
PANC

CITY
ANCHORAGE

STATE
AK (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 07/29/2010

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 12/09/2009

OFFICE: AVN-130

NAME: PATRICK MULQUEEN

APPROVED BY:

DATE: 10/31/2024

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

Digitally signed by

ROBERT G HAMILTON

Sep 04, 2024

DISTRIBUTION:

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

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: KROTO

STATE: AK

COUNTRY: US

ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 614153.65N/1501756.32W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
STAR

USE TITLE
KROTO (RNAV)

FAC

PAT

AIRPORT IDENT
PANC

CITY
ANCHORAGE

STATE
AK (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 10/31/2024

REASON FOR REVISION:

FIX MOVED 608 FT NW

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: JOSHUA DUGAN

APPROVED BY:

DATE: 10/31/2024

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

Digitally signed by

ROBERT G HAMILTON

Sep 04, 2024

