

RADIO FIX AND HOLDING DATA RECORD

NAME: MARNR

STATE: WA

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 480219.92N/1225059.67W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

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 MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	NW		WP	312.48	132.48	R	10	9000	17500	15	17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	475227.00N/1230342.00W	6296	4B

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	230	380

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S).

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
PAT 1 TEMPLATE 15 USED TO ACCOMMODATE ATC REQUEST FOR 10 NM LEG LENGTH.
PAT 1 CONTROLLING OBSTACLE LOCATED 12109 FT INTO SECONDARY AREA, PRIMARY EQUIVALENT 5298 FT.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	MARNR (RNAV)		1	KSEA	SEATTLE	WA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 07/11/2024

REASON FOR REVISION:

1. CONTROLLING OBSTRUCTIONS: OBSTACLE UPDATED FROM 280 AIRSPEED 6263 6C AAO TO 230 AIRSPEED 6296 4B AAO AND PRECIPITOUS TERRAIN FROM 245 TO 380.
2. UPDATED REMARKS TO REFLECT OBSTACLE POSITION IN SECONDARY AND EQUIVALENT HEIGHT.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: RICHARD CHRISTENSEN

APPROVED BY:

DATE: 12/28/2023

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

Digitally signed by
ERIC N SUSKI
Mar 29, 2024

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ROESH

STATE: WA

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 483752.47N/1230108.38W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
STAR

USE TITLE
MARNR (RNAV)

FAC

PAT

AIRPORT IDENT
KSEA

CITY
SEATTLE

STATE
WA (US)

REQUIRED CHARTING: STAR, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 07/11/2024

REASON FOR REVISION:

REQUIRED CHARTING: ADDED CONTROLLER LOW.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: RICHARD CHRISTENSEN

APPROVED BY:

DATE: 12/28/2023

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

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ERIC N SUSKI

Mar 29, 2024

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RADIO FIX AND HOLDING DATA RECORD

NAME: SONDR

STATE: WA

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 470725.69N/1222056.30W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: ESTABLISH

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME DME	HOLDING MIN	ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	S		WP	178.00	358.00	R	5	6000	6000	6 6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	470145.00N/1221757.00W	1152	4B

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PAT 1 FOR LOST COMMUNICATIONS ONLY FOR MARNR STAR AT KSEA PER ATC.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
SPECIAL IAP	RNAV (RNP) M RWY 34L			KSEA	SEATTLE	WA (US)
IAP	ILS OR LOC RWY 34C			KSEA	SEATTLE	WA (US)
IAP	ILS OR LOC RWY 34L			KSEA	SEATTLE	WA (US)
IAP	ILS OR LOC RWY 34R			KSEA	SEATTLE	WA (US)
IAP	ILS RWY 34C (SA CAT I, SA CAT II)			KSEA	SEATTLE	WA (US)
IAP	ILS RWY 34L (SA CAT I, SA CAT II)			KSEA	SEATTLE	WA (US)
IAP	ILS RWY 34R (SA CAT I, SA CAT II)			KSEA	SEATTLE	WA (US)
IAP	RNAV (GPS) Y RWY 34C			KSEA	SEATTLE	WA (US)
IAP	RNAV (GPS) Y RWY 34L			KSEA	SEATTLE	WA (US)
IAP	RNAV (GPS) Y RWY 34R			KSEA	SEATTLE	WA (US)
IAP	RNAV (RNP) Z RWY 34C			KSEA	SEATTLE	WA (US)
IAP	RNAV (RNP) Z RWY 34L			KSEA	SEATTLE	WA (US)
IAP	RNAV (RNP) Z RWY 34R			KSEA	SEATTLE	WA (US)
STAR	HAWKZ (RNAV)			KSEA	SEATTLE	WA (US)
STAR	MARNR (RNAV)		1	KSEA	SEATTLE	WA (US)

REQUIRED CHARTING: STAR, IAP, SPECIAL IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 07/11/2024

REASON FOR REVISION:

- ADDED PAT 1, ASSOCIATED CONTROLLING OBSTACLE, RESTRICTION AND REMARKS.
- FIX USE: ADDED PAT 1 TO STAR MARNR (RNAV) AT KSEA.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: RICHARD CHRISTENSEN

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A431

NAME: ERIC N SUSKI

Digitally signed by

SIGNATURE:

ERIC N SUSKI

Mar 29, 2024

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14
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RADIO FIX AND HOLDING DATA RECORD

NAME: VIXOR

STATE:

COUNTRY: CA

ICAO REGION CODE: C

LATITUDE/LONGITUDE: 484337.38N/1232904.16W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
STAR

USE TITLE
MARNR (RNAV)

FAC

PAT

AIRPORT IDENT
KSEA

CITY
SEATTLE

STATE
WA (US)

REQUIRED CHARTING: STAR, EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 12/26/2024

REASON FOR REVISION:

10/30/2024: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 03/29/2024.
UPDATED FIX COORDINATES FROM 484337.35N/1232903.70W TO 484337.38N/1232904.16W TO MATCH NAV CANADA VIXOR COORDINATES.
FIX MOVED 31 FT WEST.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: RICHARD CHRISTENSEN

APPROVED BY:

DATE: 12/28/2023

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

Digitally signed by

ERIC N SUSKI

Nov 04, 2024

QUALITY
14
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