

RADIO FIX AND HOLDING DATA RECORD

NAME: BIDDE

STATE: ME

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 432108.17N/0702111.46W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
STAR

USE TITLE
SCOGS (RNAV)

FAC

PAT

AIRPORT IDENT
PWM

CITY
PORTLAND

STATE
ME (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 07/26/2012

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 02/07/2012

OFFICE: AJV-352

NAME: PETER GUIMOND

APPROVED BY:

DATE: 05/31/2012

OFFICE: AJV-352

NAME: DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY: PWM APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: BILJE

STATE: MA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 420549.10N/0705552.98W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

CHART ON LOW AND HIGH CHARTS - ATC REQUEST.

FIX USE:

USE TYPE

USE TITLE

FAC

PAT

AIRPORT IDENT

CITY

STATE

STAR

SCOGS (RNAV)

PWM

PORTLAND

ME (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 08/12/2021

REASON FOR REVISION:

REMARKS: ADDED CHART ON LOW AND HIGH CHARTS - ATC REQUEST.

REQUIRED CHARTING: ADDED EN ROUTE LOW AND CONTROLLER LOW. ADDED EN ROUTE HIGH AND CONTROLLER HIGH.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE: 06/17/2021

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

STAR	PARCH (RNAV)	3	JFK	NEW YORK	NY (US)
STAR	NELIE (RNAV)		FOK	WESTHAMPTON BEACH	NY (US)
STAR	BOUNO		HPN	WHITE PLAINS	NY (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 29 **DATE OF REVISION:** 05/14/2026

REASON FOR REVISION:

1. FIX USE: DELETED STAR RICED AND ASSOCIATED DATA AT KDXR.
2. FIX USE: DELETED STAR RICED AND ASSOCIATED DATA AT KHPN.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A432	NAME: PARNELL PRASSADA
APPROVED BY:	DATE: 04/09/2026	OFFICE: AJV-A432	NAME: CASIMIR TABAKA

SIGNATURE:

REASON FOR REVISION:

- 1. FIX USE: REMOVED IAP ILS OR LOC RWY 16 AT KOQU.
- 2. FIX USE: ADDED IAP LOC RWY 16 AT KOQU.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: RAYMOND JOHNSON

APPROVED BY:

DATE: 12/18/2025

OFFICE: AJV-A423

NAME: RAKE MCGRAW

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: MESH **STATE:** ME **COUNTRY:** US **ICAO REGION CODE:** K6

LATITUDE/LONGITUDE: 431912.07N/0700948.03W **TYPE:** WP, INT, DME

AIRSPACE DOCKET: 23-AEA-2 **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	AUGUSTA	AUG	VOR/DME	VL	213.00	195.00	62.07	62.07		3000	17500
2	KENNEBUNK	ENE	VOR/DME	VH	124.68	107.68		20.70		5000	17500
3	BOSTON	BOS	VOR/DME	VH	048.00	032.00		68.29		5000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
BOS	VOR/DME	R-048	69	5000	14600

FIX RESTRICTIONS:

MRA V268 5000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

AUGUSTA (FAC 1) AND KENNEBUNK (FAC 2) USED TO ESTABLISH FIX COORDINATES.
CHART ON SECTIONAL PER ATC REQUEST.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T358					(US)
EN ROUTE	V268	1, 2, 3				(US)
IAP	RNAV (GPS) RWY 19L			BXM	BRUNSWICK	ME (US)
IAP	RNAV (GPS) RWY 1R			BXM	BRUNSWICK	ME (US)
IAP	RNAV (GPS) RWY 29			PWM	PORTLAND	ME (US)
IAP	RNAV (GPS) RWY 32			SFM	SANFORD	ME (US)
STAR	SCOGS (RNAV)			PWM	PORTLAND	ME (US)

REQUIRED CHARTING: SECTIONAL, STAR, IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 01/25/2024

REASON FOR REVISION:

AIRSPACE DOCKET: ADDED "23-AEA-2".
 FIX MAKE-UP FACILITIES: UPDATED AUG VOR/DME CLASS FROM "L" TO "VL".
 FIX MAKE-UP FACILITIES: UPDATED ENE VOR/DME CLASS FROM "H" TO "VH".
 FIX MAKE-UP FACILITIES: UPDATED BOS VOR/DME CLASS FROM "H" TO "VH".
 ESV: REMOVED AUG VOR/DME ESV.
 ESV: UPDATED BOS VOR/DME MAX ALT FROM "18000" TO "14600".
 REMARKS: ADDED "CHART ON SECTIONAL PER ATC REQUEST".
 FIX USE: ADDED "T358".
 REQUIRED CHARTING: ADDED "SECTIONAL" AND "CONTROLLER LOW"; REMOVED "CONTROLLER".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: COLIN CAMPBELL

APPROVED BY:

DATE: 01/25/2024

OFFICE: AJV-A421

NAME: JASON KRETSCHMER

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: SAACO

STATE: ME

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 431457.47N/0701327.67W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
STAR

USE TITLE
SCOGS (RNAV)

FAC

PAT

AIRPORT IDENT
PWM

CITY
PORTLAND

STATE
ME (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 07/26/2012

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 02/07/2012

OFFICE: AJV-352

NAME: PETER GUIMOND

APPROVED BY:

DATE: 05/31/2012

OFFICE: AJV-352

NAME: DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY: PWM APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: SAPPE **STATE:** ME **COUNTRY:** US **ICAO REGION CODE:** K6

LATITUDE/LONGITUDE: 433737.41N/0700307.20W **TYPE:** WP, RADAR, INT, DME

AIRSPACE DOCKET: 23-AEA-5 **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	PORTLAND	I-GCS	LOC/DME		110.32	095.32	10.64	12.16	3000	4500
2	AUGUSTA	AUG	VOR/DME	VL	213.00	195.00	43.02	43.02	3000	17500
3	KENNEBUNK	ENE	VOR/DME	VH	080.57	063.57		27.33	3000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
AUG	VOR/DME	R-213	44	3000	17500

FIX RESTRICTIONS:

MCA T358 1300 NORTHEAST 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	E	I-GCS	LOC/DME	110.32	290.32	R	1	3000 4500	6 7
2	E		WP	110.49	290.49	R	4	3000 6000	5 6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	434209.00N/0700600.00W	368	4E
2	200	AAO	434209.00N/0700600.00W	368	

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

AUGUSTA (FAC 2) AND KENNEBUNK (FAC 3) USED TO ESTABLISH FIX COORDINATES.
 I-GCS DME COORDINATES: 433834.85N/0701743.12W.
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 CHART ON SECTIONAL PER ATC REQUEST.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T358					(US)
EN ROUTE	V268	2, 3				(US)
IAP	ILS OR LOC RWY 29	1, 2, 3	1	PWM	PORTLAND	ME (US)
IAP	ILS RWY 29 (SA CAT I)	1, 2, 3	1	PWM	PORTLAND	ME (US)
IAP	ILS RWY 29 (SA CAT II)	1, 2, 3	1	PWM	PORTLAND	ME (US)
IAP	RNAV (GPS) RWY 11		2	PWM	PORTLAND	ME (US)
IAP	RNAV (GPS) RWY 29		2	PWM	PORTLAND	ME (US)
IAP	RNAV (GPS) RWY 25			SFM	SANFORD	ME (US)
IAP	RNAV (GPS) RWY 7			IWI	WISCASSET	ME (US)
STAR	CDOGG (RNAV)			PWM	PORTLAND	ME (US)
STAR	SCOGS (RNAV)			PWM	PORTLAND	ME (US)

REQUIRED CHARTING: SECTIONAL, STAR, IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12 **DATE OF REVISION:** 01/25/2024

REASON FOR REVISION:

AIRSPACE DOCKET: ADDED "23-AEA-2".
 FIX RESTRICTIONS: ADDED "MCA T358 1300 NORTHEAST BOUND".
 REMARKS: ADDED "CHART ON SECTIONAL PER ATC REQUEST"; REMOVED "PATTERN 2: IPDS PROVIDED ACCURACIES USED".
 FIX USE: ADDED "T358".
 REQUIRED CHARTING: ADDED "SECTIONAL" AND "CONTROLLER LOW"; REMOVED "CONTROLLER".

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 **NAME:** COLIN CAMPBELL

APPROVED BY: **DATE:** 01/25/2024 **OFFICE:** AJV-A421 **NAME:** JASON KRETSCHMER

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: TRIDO **STATE:** ME **COUNTRY:** US **ICAO REGION CODE:** K6

LATITUDE/LONGITUDE: 433330.86N/0703836.96W **TYPE:** WP

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

HOLDING: **HOLDING TYPE OF ACTION:**

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE STAR	SCOGS (RNAV)			PWM	PORTLAND	ME (US)

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/24/2014

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**

DEVELOPED BY: **DATE:** 03/10/2014 **OFFICE:** AJV-352 **NAME:** GEORGE TRAMMELL

APPROVED BY: **DATE:** 07/24/2014 **OFFICE:** AJV-352 **NAME:** SUE CRUMB

SIGNATURE:

DISTRIBUTION: NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY: PWM APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: YAAKK **STATE:** ME **COUNTRY:** US **ICAO REGION CODE:** K6

LATITUDE/LONGITUDE: 433451.48N/0695724.06W **TYPE:** WP

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

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:
RETAINED FIX NAME AT AIR TRAFFIC REQUEST.

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
STAR	CDOGG (RNAV)			PWM	PORTLAND	ME (US)
STAR	SCOGS (RNAV)			PWM	PORTLAND	ME (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 07/24/2014

REASON FOR REVISION:

1. MOVED FIX 4.61NM NORTHEAST, RETAINED FIX NAME PER ATC.
2. CHANGED FIX COORDINATES FROM 433304.91N/0700314.94W TO 433451.48N/0695724.06W.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 03/10/2014	OFFICE: AJV-352	NAME: GEORGE TRAMMELL
APPROVED BY:	DATE: 07/24/2014	OFFICE: AJV-352	NAME: SUE CRUMB

SIGNATURE:

DISTRIBUTION: NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY: PWM APP CON
OTHER: