

RADIO FIX AND HOLDING DATA RECORD

NAME: ALGIN STATE: MN COUNTRY: US ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 450016.07N/0932847.59W TYPE: WP, RADAR, 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	FEET	MRA	MAA
1	MINNEAPOLIS	I-PJL	LOC/DME		301.33	301.33	14.05	14.32		5000	6000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-PJL	LOC/DME	R-301	15	5000	6000

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

DME LAT/LONG: 445303.67N/0931148.87W.
ESTABLISHED ESV IS FOR LOC/GS/DME.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 12L	1		KMSP	MINNEAPOLIS	MN (US)
IAP	ILS RWY 12L (CAT II)	1		KMSP	MINNEAPOLIS	MN (US)
IAP	ILS RWY 12L (CAT III)	1		KMSP	MINNEAPOLIS	MN (US)
IAP	ILS RWY 12L (SA CAT I)	1		KMSP	MINNEAPOLIS	MN (US)
IAP	RNAV (GPS) Z RWY 12L			KMSP	MINNEAPOLIS	MN (US)
IAP	RNAV (RNP) Y RWY 12L			KMSP	MINNEAPOLIS	MN (US)

REQUIRED CHARTING: MILITARY IAP, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 14 DATE OF REVISION: 03/19/2026

REASON FOR REVISION:

REMOVED "MINNEAPOLIS (FAC 1) USED TO ESTABLISH FIX COORDINATES" FROM REMARKS.
REMOVED "LOCATION IAW 8260.54A FORMULA 2-16B" AND "PRECISE FIX COORDINATES: 450016.072N/0932847.586W" FROM REMARKS.

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A432 NAME: SILVIA YOUNG

APPROVED BY: DATE: 02/12/2026 OFFICE: AJV-A432 NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA
Aug 19, 2025



RADIO FIX AND HOLDING DATA RECORD

NAME: HAMML **STATE:** MN **COUNTRY:** US **ICAO REGION CODE:** K3

LATITUDE/LONGITUDE: 445838.58N/0932500.46W **TYPE:** WP, RADAR, 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	FAC FEET	MRA	MAA
1 MINNEAPOLIS	I-PJL	LOC/DME		301.33	301.33	10.91	11.18		4000	5300

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

REMARKS:

DME LAT/LONG: 445303.67N/0931148.87W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 12L	1		KMSP	MINNEAPOLIS	MN (US)
IAP	ILS RWY 12L (CAT II)	1		KMSP	MINNEAPOLIS	MN (US)
IAP	ILS RWY 12L (CAT III)	1		KMSP	MINNEAPOLIS	MN (US)
IAP	ILS RWY 12L (SA CAT I)	1		KMSP	MINNEAPOLIS	MN (US)
IAP	RNAV (GPS) Z RWY 12L			KMSP	MINNEAPOLIS	MN (US)
IAP	RNAV (RNP) Y RWY 12L			KMSP	MINNEAPOLIS	MN (US)

REQUIRED CHARTING: MILITARY IAP, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5 **DATE OF REVISION:** 03/19/2026

REASON FOR REVISION:

REMOVED "MINNEAPOLIS (FAC 1) USED TO ESTABLISH FIX COORDINATES" FROM REMARKS.
 REMOVED "LOCATION IAW 8260.54A FORMULA 2-16B" AND "PRECISE FIX COORDINATES: 445838.582N/0932500.460W" FROM REMARKS.

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A432 **NAME:** SILVIA YOUNG

APPROVED BY: **DATE:** 02/12/2026 **OFFICE:** AJV-A432 **NAME:** CASIMIR TABAKA

SIGNATURE: *Digitally signed by*
CASIMIR L TABAKA

Aug 19, 2025



