

RADIO FIX AND HOLDING DATA RECORD

NAME: KOLOE LOM STATE: MI COUNTRY: US ICAO REGION CODE: K5
 LATITUDE/LONGITUDE: 461956.75N/0843229.58W TYPE: INT

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	KOLOE	CI	LOM	MH							17500
2	SAULT STE MARIE	I-CIU	LOC		336.99	329.99		7.42	45064	2500	5300
3	SAULT STE MARIE	SSM	VOR/DME	H	247.16	243.16		10.56		2500	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	NW	I-CIU	LOC	336.99	156.99	R	1		2500	14000	6	12
2	NW	CI	LOM	337.00	157.00	R	1		2500	14000	6	10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (26-002552)	462227.81N/0844254.08W	1322	5D
1	310	WINDMILL (CA-005174)	463326.40N/0843502.50W	1440	4D
2	230	TOWER (26-002552)	462227.81N/0844254.08W	1322	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 16	KCIU	SAULT STE MARIE	MI (US)

REMARKS:

COORDINATES REFLECT LOCATION ON LOC/AZ CENTERLINE ABEAM THE KOLOE LOM.
 ACTUAL FACILITY LOCATION IS 461957.11N/0843232.88W.
 PRECIPITIOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 16	2, 3	1	KCIU	SAULT STE MARIE	MI (US)
IAP	NDB RWY 34	1	2	KCIU	SAULT STE MARIE	MI (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 04/20/2023

REASON FOR REVISION:

ADDED CLIMB IN HOLD OBSTACLE AND FIX USE INFO FOR ILS OR LOC RWY 16 AT KCIU.
 INCREASED HOLDING PATTERN 1 MAX PATTERN SIZE FROM 10 TO 12.
 CORRECTED NDB RWY 34 AT KCIU FAC IN FIX USE FROM 2 (I-CIU LOC) TO 1 (CI LOM).

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A413 NAME: STEVEN WINNER

APPROVED BY: DATE: 04/20/2023 OFFICE: AJV-A410 NAME: JULIE MORGAN

SIGNATURE:

Digitally signed by
DONALD E SMITH
 Mar 17, 2023



RADIO FIX AND HOLDING DATA RECORD

NAME: PINES STATE: MI COUNTRY: US ICAO REGION CODE: K5
 LATITUDE/LONGITUDE: 460149.61N/0842912.25W TYPE: WP, 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	SAULT STE MARIE	SSM	VOR/DME	H	201.42	197.42	24.00	24.00	3000	17500

HOLDING: HOLDING TYPE OF ACTION: MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH DME	HOLDING ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	SW		WP	204.30	024.30	R	4	3000 17500	5 17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (26-002545)	460427.00N/0842747.00W	1357	5D

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T265					(US)
EN ROUTE	V193	1				(US)
IAP	RNAV (GPS) RWY 10			KSLH	CHEBOYGAN	MI (US)
IAP	RNAV (GPS) RWY 26			KMCD	MACKINAC ISLAND	MI (US)
IAP	RNAV (GPS) RWY 8			KMCD	MACKINAC ISLAND	MI (US)
IAP	RNAV (GPS) RWY 23			KPLN	PELLSTON	MI (US)
IAP	RNAV (GPS) RWY 32			KANJ	SAULT STE MARIE	MI (US)
IAP	ILS OR LOC RWY 16	1		KCIU	SAULT STE MARIE	MI (US)
IAP	RNAV (GPS) RWY 16		1	KCIU	SAULT STE MARIE	MI (US)
IAP	RNAV (GPS) RWY 34			KCIU	SAULT STE MARIE	MI (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 15 DATE OF REVISION: 04/20/2023

REASON FOR REVISION:

HOLDING PATTERN 1, SSM, VOR/DME, DELETED.
 HOLDING PATTERN 2 CHANGED TO PATTERN 1 IN PATTERN DESCRIPTION AND FOR RNAV (GPS) RWY 16 AT KCIU IN FIX USE.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A413	NAME: STEVEN WINNER
APPROVED BY:	DATE: 04/20/2023	OFFICE: AJV-A410	NAME: JULIE MORGAN
SIGNATURE:			

Digitally signed by
DONALD E SMITH
 Mar 17, 2023

