Flight Procedure Tracking Form	Action: CANCELLATION	Task Type: IAP	Date Open: 09/22/2011	Task #: 2010113022164302001	Request #: 20101130221643
Procedure: HI TACAN RWY 27 AMDT 3		Airport ID: KDLH	Airport: DULUTH INTL		Reimbursable #:
City: DULUTH	ST: MN	GPS #:		Estimated Chart Date: ~~08/23/2012~~ 6/28/12	FICO #:
Fac ID:	Fac. Type:		Specialist:		

Procedure Review

	Rec'd	Rel'd	Full Name	Comments
Lead:				
QA:	4/12 cc	4/13/12	QUALITY CHECKED	
Liaison:				

Procedure Comments:

Remark Type: INFORMATION

ATTACHED FORM: 8260-13.

8260(S) WUDVO, ORIG, DME, (CANCEL); IWIHE, ORIG, DME, (CANCEL); JIGAG, ORIG, DME, (CANCEL); COTUV, ORIG, DME, (CANCEL).

CONTACT: JILL OLSON/STEVE BARNETT, 405.954.0414/9307.

APR 16 2012

Federal Aviation Administration

Memorandum

Date: APR 23 2012

To: NGB/A3OS
1411 Jefferson Davis Highway
Arlington, VA 22202-3231

From: Larry H. Strout, Manager, Terminal Procedures & Charting Services Central Team, AJV-353

Subject: **ACTION:** Transmittal of Data

The attached FAA Form(s) for Duluth Intl, Duluth, MN (KDLH) are submitted for further processing.

Please return a signed copy for our files.

8260-13 HI TACAN RWY 27, AMDT 3 (CANCEL)
TACAN RWY 27, AMDT 3 (CANCEL)

The attached FAA Form(s) have been forwarded to NFDC.

8260-2 COTUV, MN ORIG (CNCL)
JIGAG, MN ORIG (CNCL)
WUDVO, WI ORIG (CNCL)
IWIHE, MN ORIG (CNCL)
WANPI, MN ORIG (CNCL)

Attachments

UNITED STATES AIR FORCE
TACAN STANDARD INSTRUMENT APPROACH PROCEDURE

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	

ADDITIONAL FLIGHT DATA:

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. ____
3. FAC ____ FAF ____ DIST FAF TO MAP ____ THLD ____
4. MIN. ALT ____
8. MSA FROM:

MAG VAR: EPOCH YEAR:

MINIMUMS

TAKEOFF: NA STANDARD ALTERNATE:

CATEGORY	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA

NOTES:

PROCEDURE CANCELED EFFECTIVE ____

GUAJ IT! 1 CHECKED

CITY AND STATE	ELEVATION: 1428 THRE: 1419	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
DULUTH, MN	AIRPORT NAME: DULUTH INTL	LKI	HI TACAN RWY 27, AMDT 3, 06/30/2011	AMDT 2
				DATE 02/19/2004

FAA FORM 8260-13 / February 1995 (computer generated)

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
[X] YES [ ] NO		

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
[ ]	[ ]	[X]	[ ]	[X]	[X]	[X] ZMP, DLH ATCT, AMGR

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME: **DEANNA M. FIELDS** for	FIFO **AJV-353**	DATE: **04/12/2012**
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

RECOMMENDED BY: for
LARRY H STROUT, AJV-353

APR 23 2012

REASONS:

CANCELLATION REQUESTED BY FPT.

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: COTUV **STATE:** MN **COUNTRY:** US

LATITUDE/LONGITUDE: 464910.49N/0920240.69W **TYPE:** DME

CANCELLED

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

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	LAKESIDE	LKI	TACAN	H	104.00	104.00	6.00	6.00	36457	3200	17500

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	HI-TACAN RWY 27	1		KDLH	DULUTH	MN (US)
IAP	TACAN RWY 27	1		KDLH	DULUTH	MN (US)

REQUIRED CHARTING: MILITARY IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 06/30/2011

DEVELOPED BY: **DATE:** 07/19/2010 **OFFICE:** AVN-120 **NAME:** JOSE ALFONSO (LONNIE EVERHART)

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZMP
ATC FACILITY: DLH APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: IWIHE **STATE:** MN **COUNTRY:** US

LATITUDE/LONGITUDE: 465023.34N/0920944.53W **TYPE:** DME

CANCELLED

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

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	LAKESIDE	LKI	TACAN	H	104.00	104.00	1.00	1.00		1760	17500

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	HI-TACAN RWY 27	1		KDLH	DULUTH	MN (US)
IAP	TACAN RWY 27	1		KDLH	DULUTH	MN (US)

REQUIRED CHARTING: MILITARY IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 06/30/2011

DEVELOPED BY: **DATE:** 07/19/2010 **OFFICE:** AVN-120 **NAME:** JOSE ALFONSO (LONNIE EVERHART)

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZMP
ATC FACILITY: DLH APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: JIGAG **STATE:** MN **COUNTRY:** US

LATITUDE/LONGITUDE: 465007.58N/0920812.58W **TYPE:** DME

CANCELLED

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

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	LAKESIDE	LKI	TACAN	H	104.00	104.00	2.08	2.08		1900	17500

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	HI-TACAN RWY 27	1		KDLH	DULUTH	MN (US)
IAP	TACAN RWY 27	1		KDLH	DULUTH	MN (US)

REQUIRED CHARTING: MILITARY IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 06/30/2011

DEVELOPED BY: **DATE:** 07/19/2010 **OFFICE:** AVN-120 **NAME:** JOSE ALFONSO (LONNIE EVERHART)

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZMP
ATC FACILITY: DLH APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WUDVO **STATE:** WI **COUNTRY:** US

LATITUDE/LONGITUDE: 463541.63N/0921303.08W **TYPE:** DME

CANCELLED

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

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	LAKESIDE	LKI	TACAN	H	185.00	185.00	15.00	15.00		4000	17500

HOLDING: **HOLDING TYPE OF ACTION:** CANCEL

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	S	LKI	TACAN	185.00	005.00	R		10	4000	17000	13	16

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	265	AAO	464309.00N/0921615.00W	1683	4E

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
PAT 1 TEMPLATE 13 WAS USED TO ALLOW FOR 10 MILE LEG LENGTHS, MIL REQUEST.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	HI-TACAN RWY 27	1	1	KDLH	DULUTH	MN (US)
IAP	TACAN RWY 27	1	1	KDLH	DULUTH	MN (US)

REQUIRED CHARTING: MILITARY IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 06/30/2011

DEVELOPED BY: **DATE:** 06/30/2010 **OFFICE:** AVN-120 **NAME:** JOSE ALFONSO (LONNIE EVERHART)

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZMP
ATC FACILITY: DLH APP CON
OTHER:

QUALITY 1 CHECKED