

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

**RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

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: _____
 5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
 6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
 7. GS ANGLE: ____ TCH: ____
 8. MSA FROM: _____

MAG VAR: _____ EPOCH YEAR: _____

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A								
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA

NOTES:
 PROCEDURE CANCELED EFFECTIVE _____



CITY AND STATE BRAINERD, MN	ELEVATION: 1232 TDZE: 1225	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMD T NO./EFFECTIVE DATE: RNAV (GPS) RWY 12, AMDT 1, 07/29/2010	SUP:
	AIRPORT NAME: BRAINERD LAKES RGNL			AMDT: ORIG
				DATED 07/05/2007

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
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COORDINATED WITH:						
ATA <input checked="" type="checkbox"/>	AAT <input type="checkbox"/>	ALPA <input checked="" type="checkbox"/>	APA <input type="checkbox"/>	AOPA <input checked="" type="checkbox"/>	NBAA <input checked="" type="checkbox"/>	OTHER (specify) <input checked="" type="checkbox"/> ZMP, AMGR

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:

DEVELOPED BY		
NAME: ROBERT G. ABBOTT	FIFO AJV-353	DATE: 04/17/2012

APPROVED BY		
NAME: LARRY H STROUT	FIFO AJV-353	DATE:

CHANGES:

REASONS: Runway permanently closed. See A/FD
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RADIO FIX AND HOLDING DATA RECORD

NAME: KIGRE

STATE: MN

COUNTRY: US

LATITUDE/LONGITUDE: 462700.46N/0941505.74W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

RNP CRITERIA APPLIED.

KBRD RWY 12 DISPLACED THRESHOLD COORDINATES: 462353.30N/0940847.02W

FIX USE:

USE TYPE

USE TITLE

FAC

PAT

AIRPORT IDENT

CITY

STATE

IAP

RNAV (GPS) RWY 12

KBRD

BRAINERD

MN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 07/29/2010

REASON FOR REVISION:

FIX MOVED 12.31 FT NE.

UPDATED FIX COORDINATES.

DELETED FAC 1 DATA.

UPDATED DISP THLD COORDINATES.

ADDED RNP STATEMENT.

UPDATED FIX USE.

DEVELOPED BY:

DATE: 02/10/2010

OFFICE: AVN-120

NAME: JON DENTON

APPROVED BY:

DATE:

OFFICE: AVN-120

NAME: SUE CRUMB

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: CEN

ARTCC: ZMP

ATC FACILITY:

OTHER:

QUALITY
1
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: PURYI

STATE: MN

COUNTRY: US

LATITUDE/LONGITUDE: 463029.75N/0942210.92W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

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	NW		WP	302.43	122.43	R	4	3100	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION
1	200	TOWER (27-002430)

COORDINATES
462633.88N/0942256.01W

ELEVATION
1868

ACCURACY CODE
5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

KBRD RWY 12 DISPLACED THRESHOLD COORDINATES: 462353.30N/0940847.02W
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 12		1	KBRD	BRAINERD	MN (US)
IAP	RNAV (GPS) RWY 30		1	KBRD	BRAINERD	MN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 07/29/2010

REASON FOR REVISION:

FIX MOVED 520.03 FT SE TO ALIGN WITH FINAL SEGMENT.
UPDATED FIX COORDINATES.
DELETED FAC 1 DATA.
CHANGED HOLDING CRS INBOUND FROM 122.41 TO 122.43.
CHANGED DME LEG FROM 5 TO 4.
UPDATED OBST DATA ID.
UPDATED DISP THLD COORDINATES.
UPDATED FIX USE.

DEVELOPED BY: DATE: 02/10/2010 OFFICE: AVN-120 NAME: JON DENTON

APPROVED BY: DATE: OFFICE: AVN-120 NAME: SUE CRUMB

SIGNATURE:

DISTRIBUTION: NFDC
 FPO: CEN
 ARTCC: ZMP
 ATC FACILITY:
 OTHER:

QUALITY
1
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: VUCUT

STATE: MN

COUNTRY: US

LATITUDE/LONGITUDE: 463434.03N/0941758.82W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:
USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 12

FAC PAT

AIRPORT IDENT
KBRD

CITY
BRAINERD

STATE
MN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 07/29/2010

REASON FOR REVISION:
FIX MOVED 529.91 FT SE.
UPDATED FIX COORDINATES.
DELETED FAC 1 DATA.
UPDATED FIX USE.

DEVELOPED BY: DATE: 02/10/2010

OFFICE: AVN-120

NAME: JON DENTON

APPROVED BY: DATE:

OFFICE: AVN-120

NAME: SUE CRUMB

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZMP
ATC FACILITY:
OTHER:

QUALITY
1
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ZULET

STATE: MN

COUNTRY: US

LATITUDE/LONGITUDE: 462625.32N/0942622.40W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:
USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 12

FAC PAT AIRPORT IDENT CITY
KBRD KBRD BRAINERD

STATE
MN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 07/29/2010

REASON FOR REVISION:
FIX MOVED 509.58 FT SE.
UPDATED FIX COORDINATES.
DELETED FAC 1 DATA.
UPDATED FIX USE.

DEVELOPED BY: DATE: 02/10/2010

OFFICE: AVN-120

NAME: JON DENTON

APPROVED BY: DATE:

OFFICE: AVN-120

NAME: SUE CRUMB

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZMP
ATC FACILITY:
OTHER:

QUALITY
1
CHECKED