

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												

NOTES:

PROCEDURE CANCELED EFFECTIVE   



CITY AND STATE <b>BRAINERD, MN</b>	ELEVATION: 1232 TDZE: 1225 AIRPORT NAME: <b>BRAINERD LAKES RGNL</b>	FACILITY IDENTIFIER: <b>RNAV</b>	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: <b>RNAV (GPS) RWY 30, AMDT 1, 07/29/2010</b>	SUP:
				AMDT: <b>ORIG</b>
				DATED <b>07/05/2007</b>

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
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"/> <u>AMGR, ZMP</u>		
FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
ROBERT G. ABBOTT	AJV-353	04/17/2012
APPROVED BY		
NAME:	FIFO	DATE:
LARRY H STROUT	AJV-353	
CHANGES:		
REASONS:		
Runway permanently closed. See A/FD		

QUALITY  
 1  
 CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: LOTYI

STATE: MN

COUNTRY: US

LATITUDE/LONGITUDE: 462028.60N/0940154.20W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

**REMARKS:**

RNP CRITERIA APPLIED.

KBRD RWY 30 DISPLACED THRESHOLD COORDINATES: 462336.13N/0940812.34W

**FIX USE:**

USE TYPE  
IAP

USE TITLE  
RNAV (GPS) RWY 30

FAC PAT

AIRPORT IDENT CITY  
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 1.73 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: MITTS

STATE: MN

COUNTRY: US

LATITUDE/LONGITUDE: 462233.29N/0940605.48W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

**FIX USE:**

USE TYPE  
IAP

**USE TITLE**

RNAV (GPS) RWY 30

**FAC**

**PAT**

**AIRPORT IDENT**

KBRD

**CITY**

BRAINERD

**STATE**

MN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 07/29/2010

DEVELOPED BY:

DATE: 02/12/2010

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: NIYSI

STATE: MN

COUNTRY: US

LATITUDE/LONGITUDE: 461655.62N/0935446.44W

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	SE		WP	122.74	302.74	R	4	3300	6000	5	6

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (27-001498)	462129.00N/0935705.00W	1705	4D

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERN.

**REMARKS:**

KBRD RWY 30 DISPLACED THRESHOLD COORDINATES: 462336.13N/0940812.34W  
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:**

DELETED FAC 1 DATA.  
CHANGED HOLDING DME LEG LENGTH FROM 5 TO 4.  
UPDATED OBST 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: WUPEM

STATE: MN

COUNTRY: US

LATITUDE/LONGITUDE: 461252.12N/0935858.79W

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 30

FAC PAT

AIRPORT IDENT CITY  
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:

DELETED FAC 1.  
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