


Flight Procedure Tracking Form		Action: FLIGHT CHECK	Task Type: IAP	Date Open: 01/10/2017	Task #: 2014122929673401012	Request #: 20141229296734
Procedure: RNAV (GPS) RWY 17 ORIG			Airport ID: KGTF	Airport: GREAT FALLS INTL		Reimbursable #: YES
City: GREAT FALLS	ST: MT	GPS #:	Estimated Chart Date: 08/17/2017		FICO #:	
Fac ID: N/A		Fac. Type:			Specialist: DEANNA FIELDS	
Procedure Review						
	Rec'd	Rel'd	Full Name	Comments		
Lead:	01/17/2017					
QA:						
Liaison:						
Procedure Comments: ENROUTE-NON Remark Type: INFORMATION ASSIGNED MAG VAR, KGTF OLD 16E-NEW 13E. CONTACT: JACOB POWERS, SUB-TEAM MANAGER, IFP TEAM 3, 405.954.8702 (OR) PATRICK MULQUEEN, MANAGER, AJV-543, INSTRUMENT FLIGHT PROCEDURES TEAM 3, 405.954.4073.						

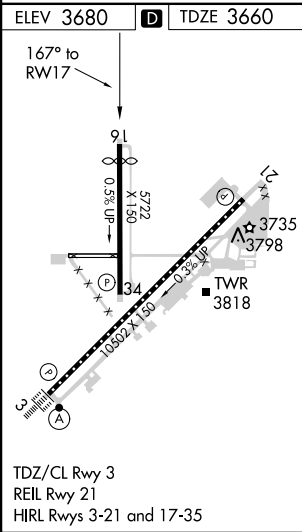
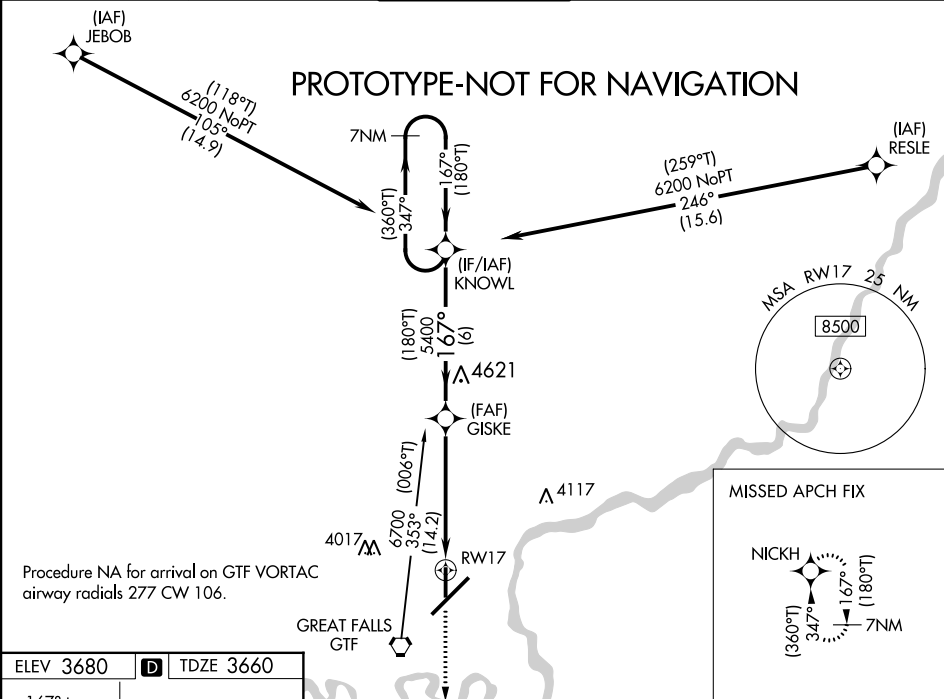
WAAS CH 49240 W17A	APP CRS 167°	Rwy Idg TDZE Apt Elev	5800 3660 3680
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RNAV (GPS) RWY 17

GREAT FALLS INTL (GTF)

<div><div><div></div><div></div><div></div></div></div> <div>For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -26°C (-14°F) or above 52°C (126°F). DME/DME RNP -0.3 NA.</div>	MISSED APPROACH: Climb to 9000 direct NICKH and hold, continue climb-in-hold to 9000.
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ATIS 126.6 269.0	GREAT FALLS APP CON 128.6 379.17	GREAT FALLS TOWER 118.7 282.2	GND CON 121.7 348.6	CLNC DEL 121.7 348.6
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9000	NICKH	7 NM Holding Pattern	KNOWL	7 NM Holding Pattern
* LNAV only.	* 1 NM to RW17	GISKE	5400	6200
1 NM	4.4 NM	6 NM	GP 3.00°	TCH 47
CATEGORY	A	B	C	D
LPV DA		3910-7/8	250 (300-7/8)	
LNAV/VNAV DA		3910-7/8	250 (300-7/8)	
LNAV MDA		4000-1	340 (400-1)	
CIRCLING	4120-1 440 (500-1)	4140-1 460 (500-1)	4320-1 3/4 640 (700-1 3/4)	4420-2 1/4 740 (800-2 1/4)

Airport ID: KGTF
Apt Name: GREAT FALLS INTL
City: GREAT FALLS
State: MT
Proc ID: RNAV (GPS) RWY 17
Amdt: ORIG
Scale: 1:500,000

FREQ INFO ON ATIS

GREAT FALLS TRSA

48

#3
INITIAL
4272' AAO

#5
INITIAL
4003' AAO

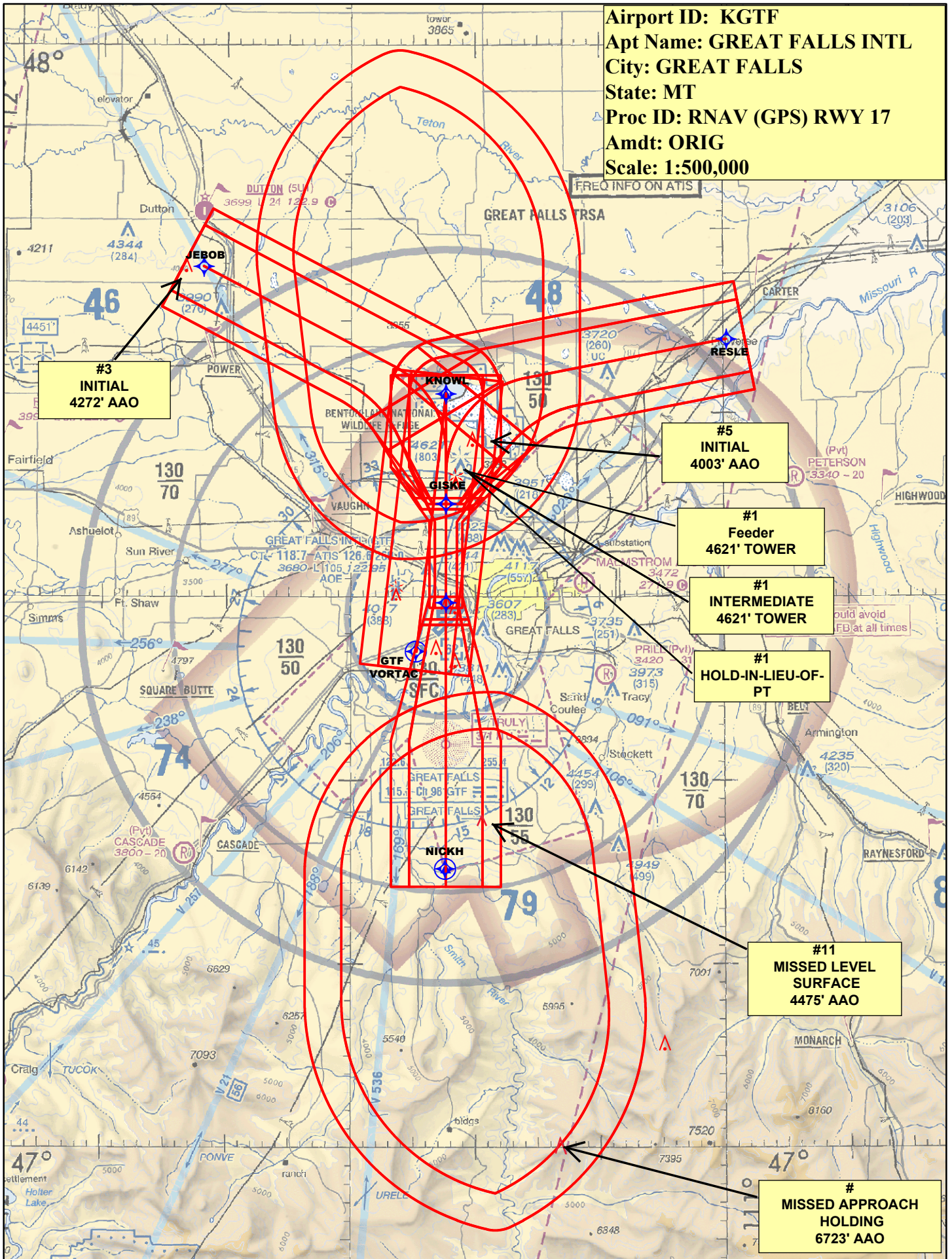
#1
Feeder
4621' TOWER

#1
INTERMEDIATE
4621' TOWER

#1
HOLD-IN-LIEU-OF-
PT

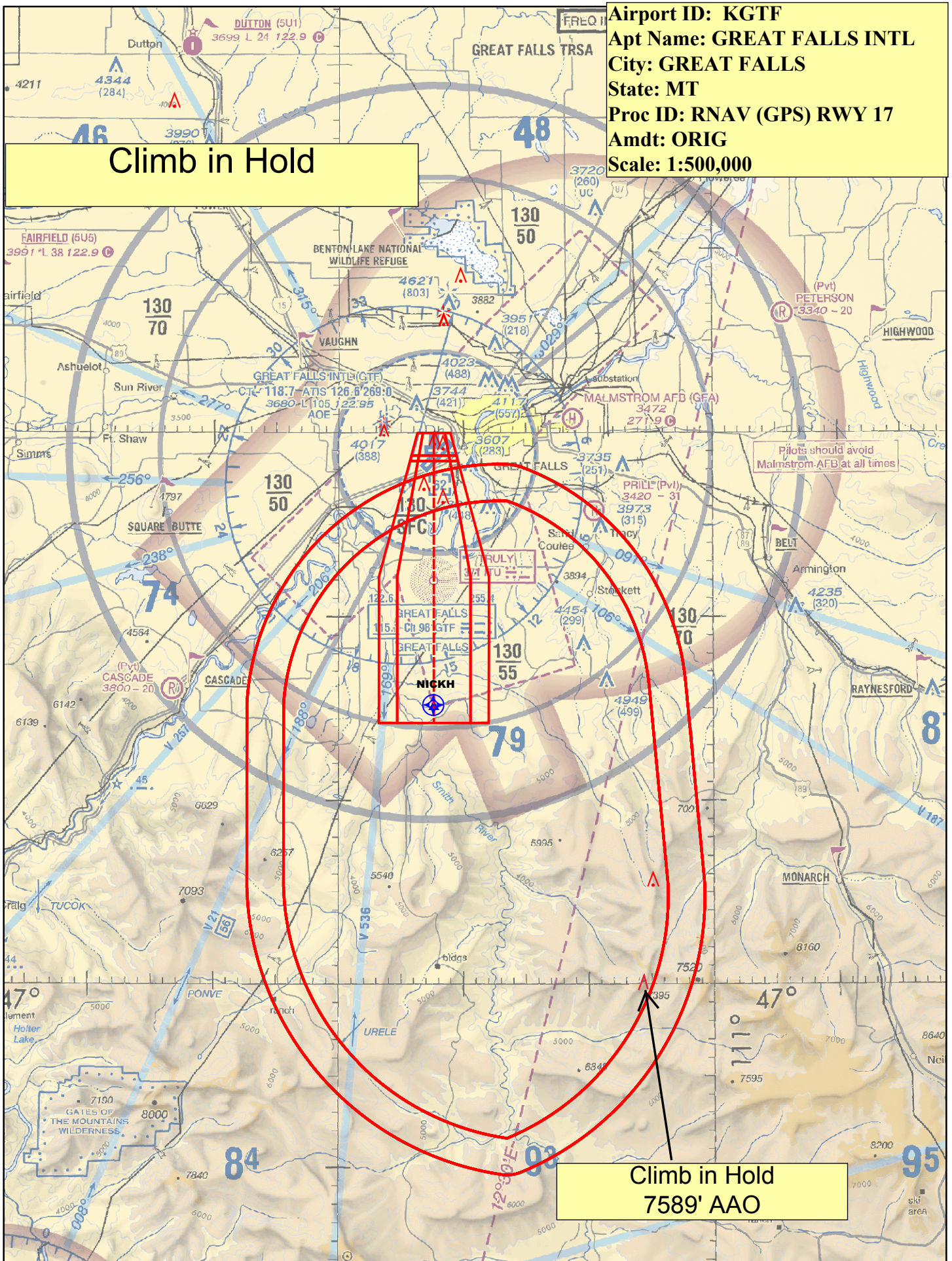
#11
MISSED LEVEL
SURFACE
4475' AAO

MISSED APPROACH
HOLDING
6723' AAO



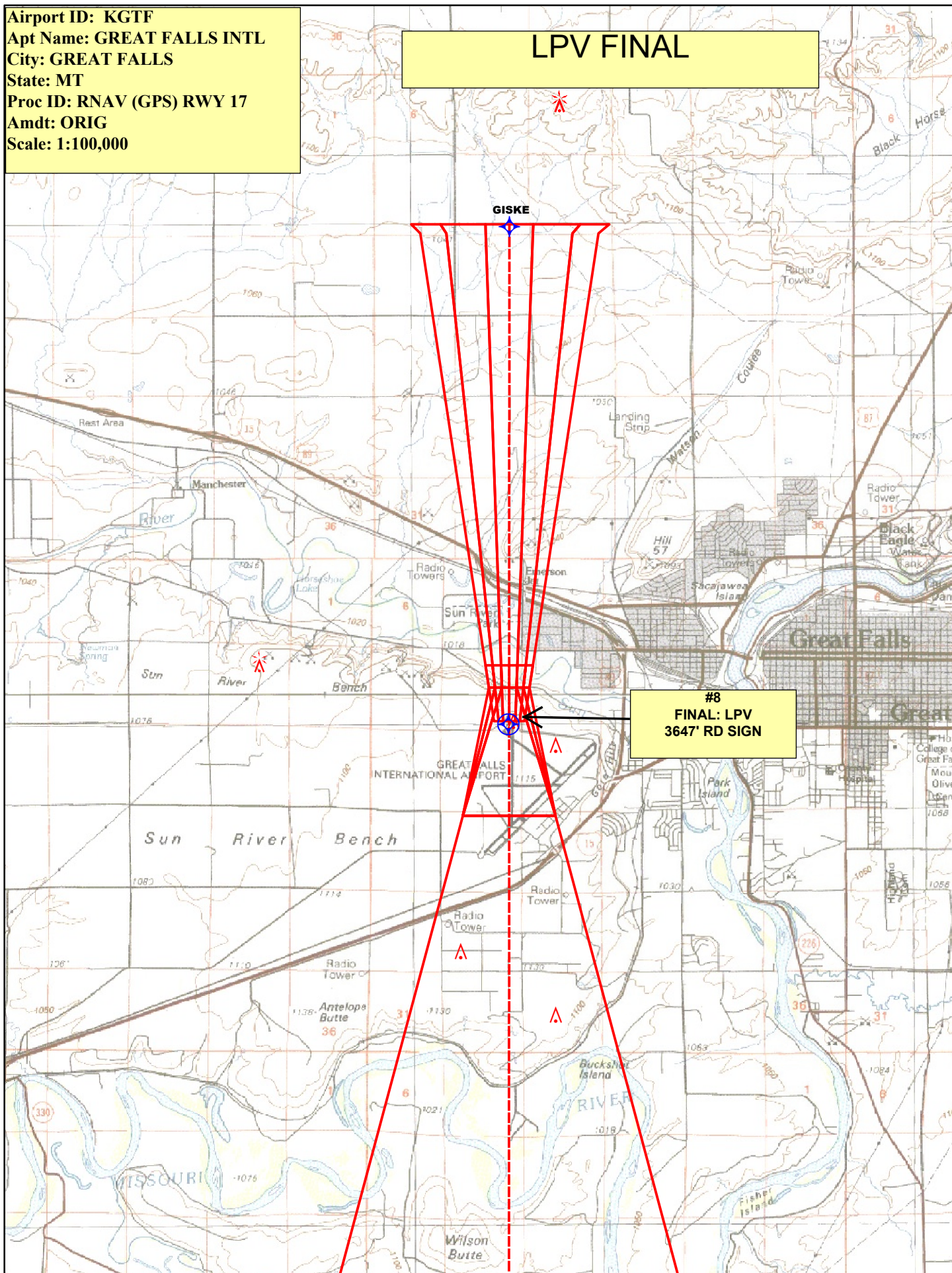
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Apt Name: GREAT FALLS INTL
City: GREAT FALLS
State: MT
Proc ID: RNAV (GPS) RWY 17
Amdt: ORIG
Scale: 1:500,000

Climb in Hold



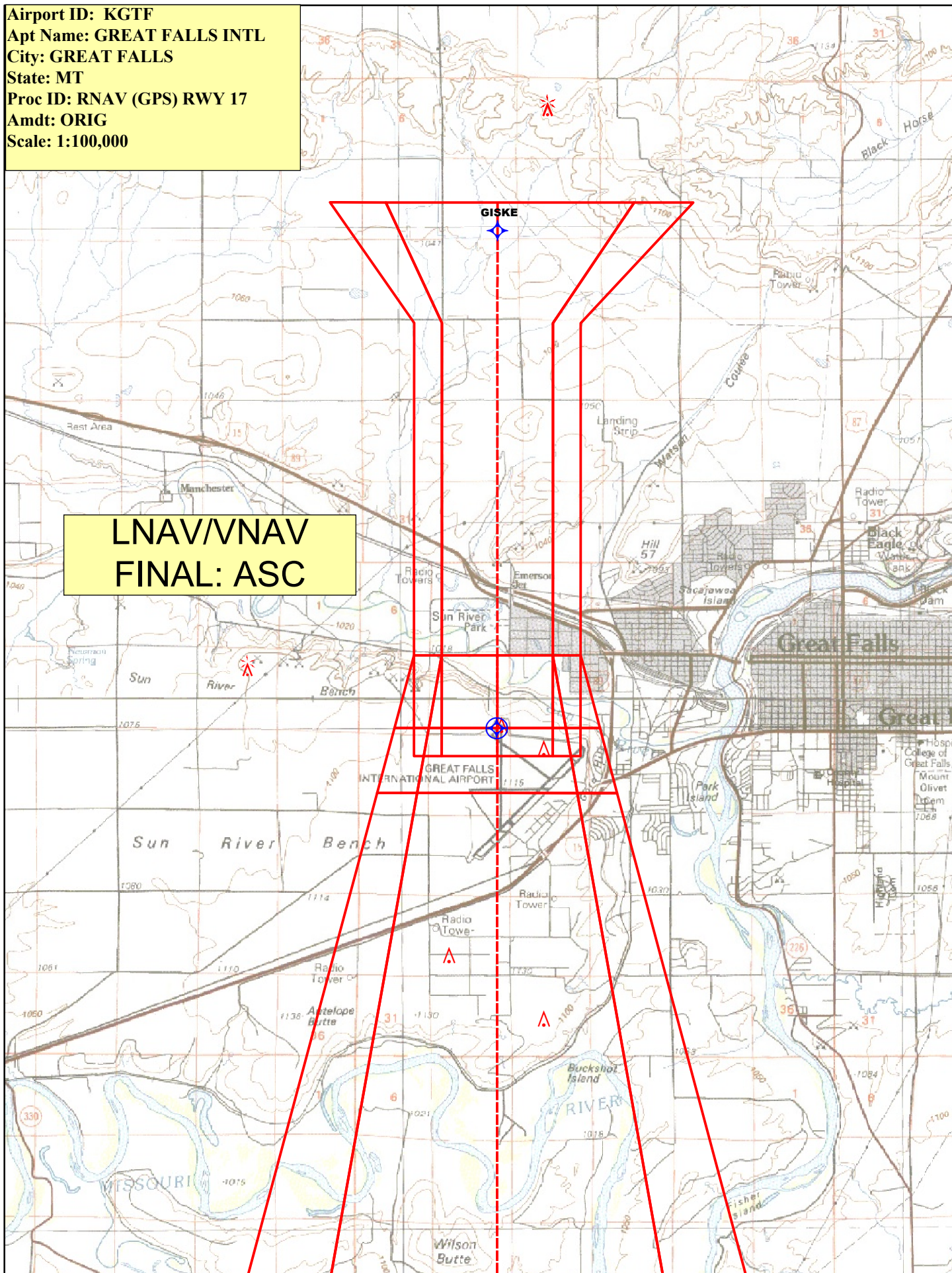
Airport ID: KGTF
Apt Name: GREAT FALLS INTL
City: GREAT FALLS
State: MT
Proc ID: RNAV (GPS) RWY 17
Amdt: ORIG
Scale: 1:100,000

LPV FINAL



Airport ID: KGTF
Apt Name: GREAT FALLS INTL
City: GREAT FALLS
State: MT
Proc ID: RNAV (GPS) RWY 17
Amdt: ORIG
Scale: 1:100,000

LNAV/VNAV
FINAL: ASC

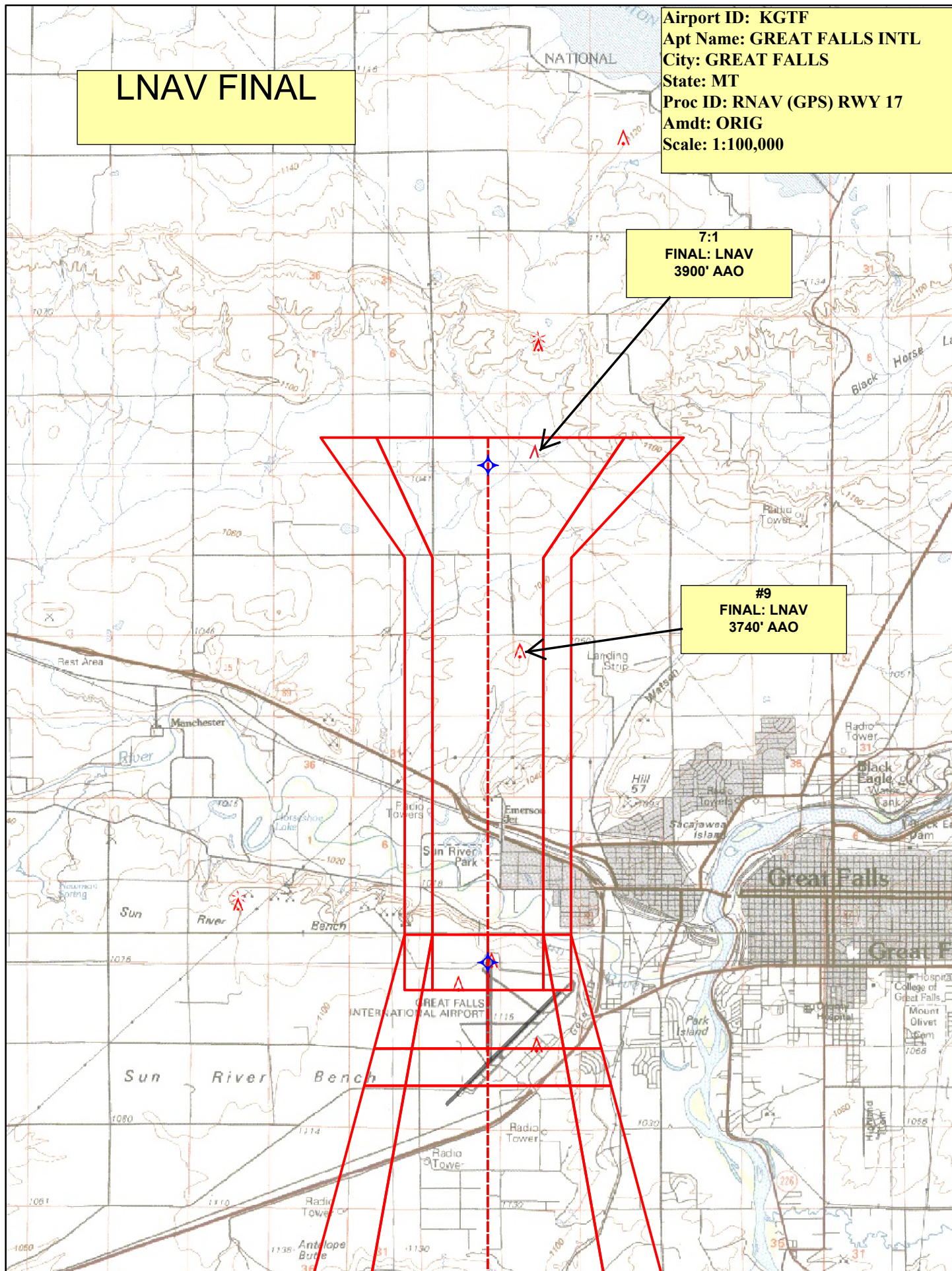


LNAV FINAL

Airport ID: KGTF
Apt Name: GREAT FALLS INTL
City: GREAT FALLS
State: MT
Proc ID: RNAV (GPS) RWY 17
Amdt: ORIG
Scale: 1:100,000

7:1
FINAL: LNAV
3900' AAO

#9
FINAL: LNAV
3740' AAO

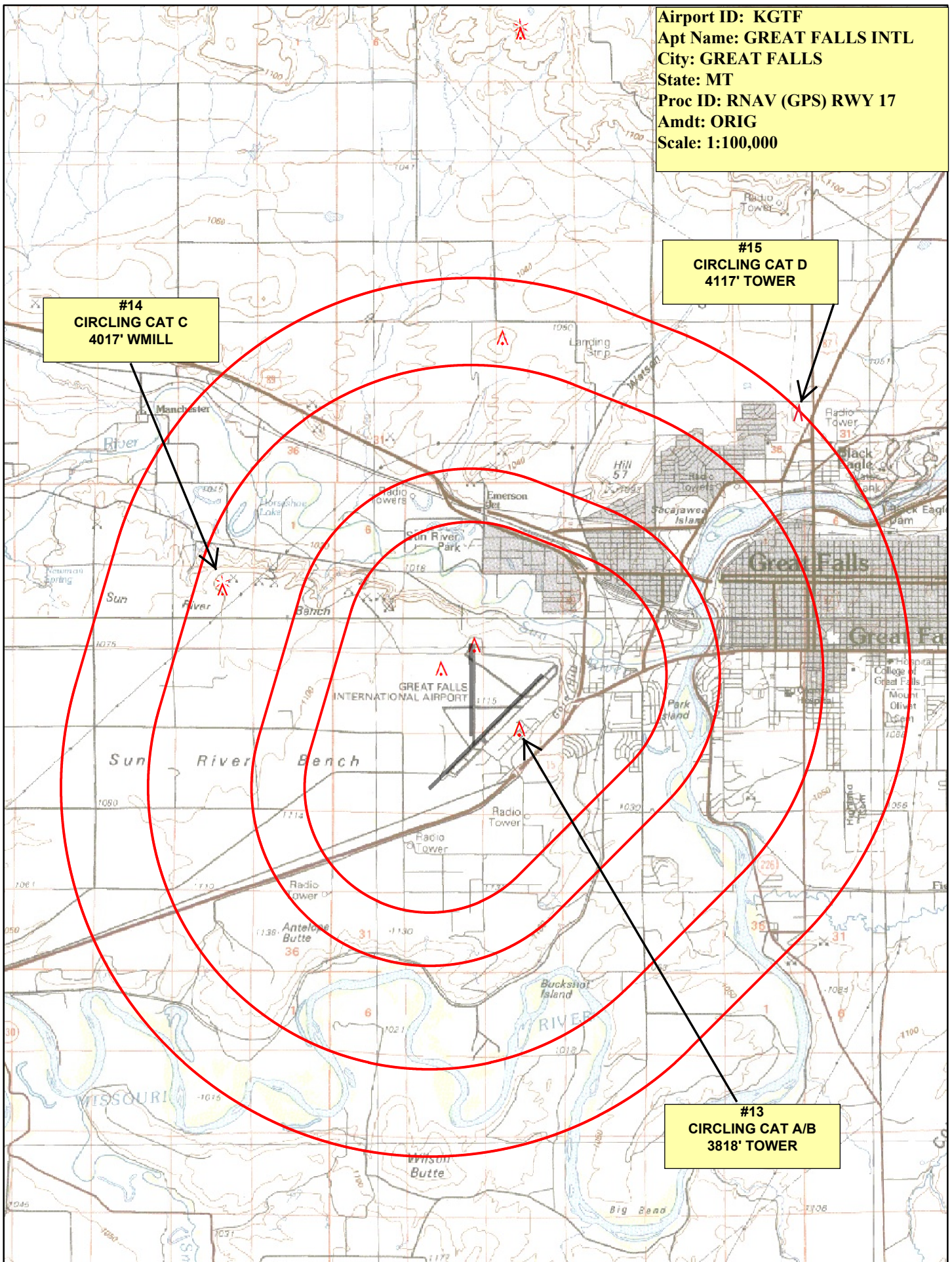


Airport ID: KGTF
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Amdt: ORIG
Scale: 1:100,000

#14
CIRCLING CAT C
4017' WMILL

#15
CIRCLING CAT D
4117' TOWER

#13
CIRCLING CAT A/B
3818' TOWER



TERMINAL AIRSPACE DATA REQUIREMENTS

City: GREAT FALLS Airport Name: GREAT FALLS INTL Procedure: RNAV (GPS) RWY 17 Docket #:	State: MT ID: KGTF Amendment: ORIGINAL
ALL DIST TO 1/100 NM; ELEV TO NEAREST FT; COORD TO 1/100 SEC; DEG TO 1/100 DG.	
1. Distance from 2. Width of 3. True Course of 4. High Terrain in 5. Distance from 6. Width of 7. True Course of 8. High Terrain in 9. Threshold Coordinates (if straight-in) 10. ARP Coordinates 11. Runway Approach End and distance furthest from ARP: Runway 03 Distance 0.96 NM 12. FAF Coordinates	THLD to 1000' point 3.17 FINAL segment at 1000' point 1.20 FINAL segment containing 1000' point 180.02 FINAL segment containing 1000' point 3640 THLD to 1500' point 4.97 FINAL segment at 1500' point 1.76 FINAL segment containing 1500' point 180.02 FINAL segment containing 1500' point 3640 *47 29 41.20 N / 111 22 22.19 W 47 28 57.40 N / 111 22 14.30 W 47 35 03.28 N / 111 22 22.03 W
Remarks: *THLD DISPLACED 230FT.	

WFPT RAPT Consensus Form

ICAO:

RAPT Date:

Airport Name:

City:

State:

Project Request:

MAGVAR Update: Yes ☒ No ☐

Unpaved RWY: Yes ☐ No ☒

RWY Renumbering: Yes ☒ No ☐

Estimated Completion Date:

CAT A-D: Yes ☒ No ☐

Scope of Project:

Project Request: Approved: ☒ Disapproved: ☐ (see Comments)

Comments:

Priority Assigned:

Proposed Estimated Chart Date:

Rachelle L
Dailey

Digitally signed by Rachelle L
Dailey
Date: 2016.09.15 12:16:39
-07'00'

Service Center Flight Procedures Team



DN: cn=justin.gillmor@faa.gov
Date: 2016.09.15 12:38:47
-07'00'

Flight Standards Division NextGen Branch

TUAN HOANG
NGUYEN

Digitally signed by TUAN
HOANG NGUYEN
Date: 2016.09.15 14:52:06
-07'00'

Service Center Planning and Requirements
Group

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gov

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joida.reed@faa.gov
DN: cn=joida.reed@faa.gov
Date: 2016.09.15 12:42:35 -07'00'

Service Center Air Traffic Operations
Support

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ar@faa.gov

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DN: cn=deepeka.parashar@faa.gov
Date: 2016.09.15 14:07:26 -07'00'

Airports Division

**DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
CATEGORICAL EXCLUSION DECLARATION**

Great Falls International Airport

**RNAV (GPS) RUNWAY 17
RNAV (GPS) RUNWAY 35
AMENDMENTS TO PUBLISHED PROCEDURES**

Description of Action:

The FAA is proposing to develop Wide Area Augmentation System (WAAS) capable Area Navigation (RNAV) procedures to the newly reconstructed Runway (RWY) 17 and RWY 35 at Great Falls International Airport (KGTF), Great Falls, Montana. As a result, all procedures, listed below, require updates for Airport Magnetic Variation (MagVar) and for circling criteria:

- High Altitude (HI)-Instrument Landing System (ILS) or Localizer (LOC)/Distance Measuring Equipment (DME) RWY 03 ILS or LOC/DME RWY 03
- ILS RWY 03 (SA Category [CAT] I)
- ILS RWY 03 (CAT II – III)
- RNAV (Required Navigation Performance [RNP]) Z RWY 03
- RNAV (RNP) Z RWY 21
- RNAV (Global Positioning System [GPS]) Y RWY 03
- RNAV (GPS) Y RWY 21
- Very High Frequency Omnidirectional Range (VOR)/DME RWY 03
- HI-VOR/DME or Tactical Air Navigation Aid (TACAN) RWY 03
- HI-VOR/DME or TACAN RWY 21
- VOR RWY 21
- Textual (Obstacle) Departure Procedures

Implementation of the proposed new procedures to RWY 17/35 (crosswind runway) will allow users to use the crosswind runways in instrument meteorological conditions or favorable wind conditions.

Declaration of Exclusion:

The FAA has reviewed the above referenced proposed action and it has been determined, by the undersigned, to be categorically excluded from further environmental documentation according to

CATEX MEMO – KGTF – Original RNAV (GPS) RUNWAY 17 and RNAV (GPS) RUNWAY 35; Amendments to Published Procedures

20161206

FAA Order 1050.1F, "Environmental Impacts: Policies and Procedures." The implementation of this action will not result in any extraordinary circumstances in accordance with FAA Order 1050.1F.

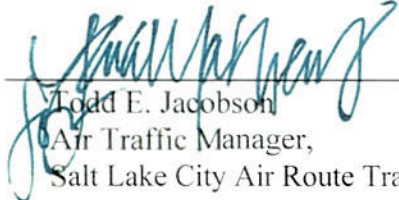
Basis for this Determination:

The Aircraft Procedure request Environmental Pre-Screening Filter was processed and reviewed by the Western Service Center. This review was conducted in accordance with policies and procedures in Department of Transportation Order 5610.1C, "Procedures for Considering Environmental Impacts" and FAA Order 1050.1F.

The proposed original procedures meet the following categorical exclusion contained in FAA Order 1050.1F:

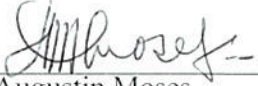
5-6.5.p. - Establishment of new procedures that routinely route aircraft over non-noise sensitive areas.

Facility Manager Review/Concurrence

Signature:  Date: 12/12/16
Name: Todd E. Jacobson
Air Traffic Manager,
Salt Lake City Air Route Traffic Control Center

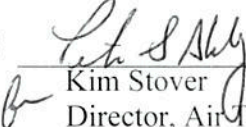
Concurrence by:

Western Service Area Environmental Specialist

Signature:  Date: 12/12/2016
Name: Augustin Moses
Environmental Specialist, Operations Support Group
Western Service Area, AJV-W22

Approval by:

Western Service Area Director or Designee Approval

Signature:  Date: 12/13/16
Name: Kim Stover
Director, Air Traffic Operations, North,
Western Service Area, AJTWN

Aircraft Procedure Environmental Pre-Screening Filter Form

Form Instructions - The following aircraft procedures are major federal actions under the National Environmental Policy Act (NEPA): new instrument approach, departure, and en route procedures, and updates to currently approved aircraft procedures. This requires the FAA to undertake an environmental review of the proposed new or updated procedures. In some circumstances, the FAA can determine that the proposed action is the type that qualifies for a Categorical Exclusion (CATEX) and thus does not require preparation of an environmental assessment (EA) or environmental impact statement (EIS). In order to assist the FAA in making that determination, please complete the following form. All items on the form must be addressed.

This form is designed to expand and ask additional questions based on your responses. **Once the form is complete, please save the file as a PDF and email it as well as any additional requested attachments (such as a FAA facility third party concurrence or an electronic satellite or land use map) to the FAA specialist who is coordinating your procedure request.** Adobe Reader's Auto Complete feature may interfere with easily filling out this form. Please hover your mouse [here](#) for instructions on how to turn it off.

Proponent Information

Request ID	17-009	Title	Mr.
First Name	Augustin	Middle Initial	A
		Last Name	Moses
Company/Facility	FAA		
Street Address	1601 Lind Ave. SW	City	Renton
State/US Territory	Washington	Zip Code	98057
Phone Number	(425) 203-4536	Email	augustin.moses@faa.gov

Procedure Location

☐ Procedure Location and Proponent Address are the same

Street Address	2800 Terminal Drive	City	Great Falls
State/US Territory	Montana	Zip Code	59404-5599
		Location ID	KGTF

Procedure Details

Please describe the requested procedure

The FAA is proposing Wide Area Augmentation System capable Area Navigation (RNAV) procedures to the newly reconstructed Runway (RWY) 17 and RWY 35 in Great Falls International Airport (KGTF), Great Falls, Montana:

Update Magnetic Variation (MAGVAR) and update circling to current criteria for all procedures. Operationally, the new procedures to RWY 17/35 will allow users to use the crosswind runways in instrument meteorological conditions or favorable wind conditions.

Textual Procedures

High (HI)-Instrument Landing System (ILS) or Localizer (LOC)/Distance Measuring Equipment (DME) RWY 03

ILS RWY 03 (SA CAT I)

ILS RWY 03 (SA CAT II)

ILS RWY 03 (SA CAT II/III)

RNAV (RNP) Z RWY 03

RNAV (GPS) Y RWY 03

RNAV (RNP) Z RWY 21

RNAV (GPS) Y RWY 21

Very High Frequency Omni directional Range (VOR)/DME RWY 03

HI-VOR/DME or TACAN RWY 03

VOR RWY 21

HI-VOR/DME or TACAN RWY 21

Was the procedure request developed by a third party?

☐ Yes

☒ No

Select procedure type

☒ New Procedure

☐ Change of an Existing Procedure

Reserved for existing procedure request information

Minimum Altitude of Procedure Request

Enter Number of Procedures

Approaches/Arrivals Enroute Departures

Is This a Helicopter Only Request? ☐ Yes ☒ No

Does the Procedure Request Direct Aircraft Over One or More of the Following Areas:

Residential	Educational	Health	Religious Structures or Sites
Recreational	Cultural	Historic Sites	Parks, Not National
Wilderness Area, Not National		Wildlife Refuge, Not National	

Note: Electronic Satellite (such as Google) or Land Use Map must be attached as a part of this submission.

☐ Yes ☒ No

Does the Procedure Request Direct Aircraft Over One or More of the Following Areas:

National Parks	National Wilderness Area	National Wildlife Refuge
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Note: Electronic Satellite (such as Google) or Land Use Map must be attached as a part of this submission.

☐ Yes ☒ No

☒ The information provided is complete and up to date at the time of submission.

Federal Aviation Administration Categorical Exclusion Declaration

Date 12/6/16

First Name Middle Initial Last Name
Title Company/Facility

Procedure Request Description:

The FAA is proposing Wide Area Augmentation System capable Area Navigation (RNAV) procedures to the newly reconstructed Runway (RWY) 17 and RWY 35 in Great Falls International Airport (KGTF), Great Falls, Montana:

Update Magnetic Variation (MAGVAR) and update circling to current criteria for all procedures. Operationally, the new procedures to RWY 17/35 will allow users to use the crosswind runways in instrument meteorological conditions or favorable wind conditions.

Textual Procedures
High (HI)-Instrument Landing System (ILS) or Localizer (LOC)/Distance Measuring Equipment (DME) RWY 03
ILS or LOC/DME RWY 03
ILS RWY 03 (SA CAT I)
ILS RWY 03 (SA CAT II/III)

Declaration of Exclusion: The FAA has reviewed the above referenced proposed action and it has been determined, by the undersigned, to be categorically excluded from further environmental documentation according to FAA Order 1050.1, "Environmental Impacts: Policies and Procedures." The implementation of this action will not result in any extraordinary circumstances in accordance with FAA Order 1050.1.

Basis for this Determination: This review was conducted in accordance with policies and procedures in Department of Transportation Order 5610.1, "Procedures for Considering Environmental Impacts" and FAA Order 1050.1.

The applicable categorical exclusions is/are:

5-6.5 p - Establishment of new procedures that routinely route aircraft over non-noise sensitive areas.

Concurrence/Reviewed By: Date

Title:

The above flight procedure has been developed within the accepted parameters.

Concurrence/Reviewed By: Date

Title:

Approved By:

Date

Title:

Save Form

RAPT Consensus Form

Date: 9-17-2015

Airport Name: Great Falls

ICAO: KGTF

State: MT

Project Request: Airport MAGVAR update. Amend procedures due to RWY 16 and RWY 34 proposed threshold relocations. Runway renumbering from RWY 16/34 to RWY 17/35, Sep 2017 time frame. Rwy 7/25 being decommissioned (only has takeoff mins to this rwy).

Project Request Approved: ☒

Disapproved: ☐ (see comments)

Comments:

Scope of Project: Airport MAGVAR is out of tolerance by 4°. GTF VORTAC is less than 5 degrees out of tolerance. ITU NDB is within tolerance. The following procedures will need to be amended:

TAKEOFF MINIMUM

HI-ILS OR LOC/DME RWY 03

ILS OR LOC/DME RWY 03

ILS RWY 03 (SA CAT I)

ILS RWY 03 (CAT II-III)

RNAV (RNP) Z RWY 21

RNAV (RNP) Z RWY 3

GPS RWY 34 (35)

VOR/DME RWY 03

HI-VOR/DME OR TACAN RWY 03

HI-VOR/DME OR TACAN RWY 21

VOR RWY 21

NDB RWY 34 (35)

RNAV (GPS) Y RWY 21

RNAV (GPS) Y RWY 03

Priority Assigned: /

Project Tracking Number:



Service Center Flight Procedures Team



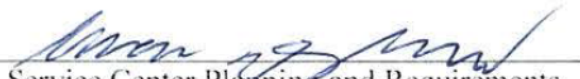
Service Center Air Traffic Operations
Support



Flight Standards Division NextGen Branch



Airports Division



Service Center Planning and Requirements
Group