

# Airport Layout Plans:

# ALP

## ALP Submissions & Grant Programming Documentation

**Helena Airports District Office**  
FAA Northwest Mountain Region

September 2014



Federal Aviation  
Administration



# Airport Layout Plans

## AIRPORT LAYOUT PLAN AT TURNER AIRPORT

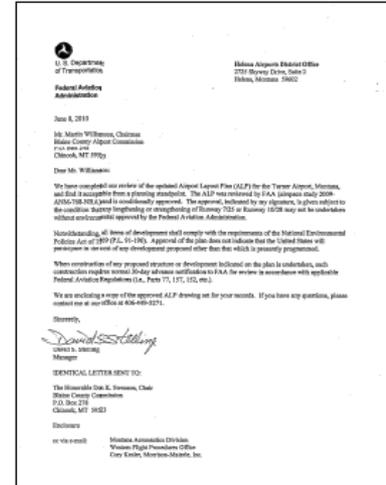


VICINITY MAP

TURNER, MONTANA

### INDEX OF SHEETS

SHEET TITLE	SHEET NO.
TITLE SHEET	1
AIRPORT LAYOUT PLAN	2
TERMINAL AREA DRAWING	3
AIRSPACE DRAWING	4
INNER PORTION OF THE APPROACH SURFACE RUNWAY 7-25	5
INNER PORTION OF THE APPROACH SURFACE RUNWAY 10-28	6
RUNWAY DEPARTURE SURFACE DRAWING RUNWAY 7-25	7
RUNWAY DEPARTURE SURFACE DRAWING RUNWAY 10-28	8
EXHIBIT "A"	9



LOCATION MAP

REVISION	NO.	DESCRIPTION	DATE	BY



1. Right-of-Way Plan  
2. Runway LIT 2825  
3. Runway LIT 2825  
4. Runway LIT 2825  
5. Runway LIT 2825  
6. Runway LIT 2825  
7. Runway LIT 2825  
8. Runway LIT 2825  
9. Runway LIT 2825



PROJECT NUMBER	TURNER AIRPORT	MONTANA	10000-0100-01
SHEET NUMBER	AIRPORT LAYOUT PLAN	COVER SHEET	1
DRAWING NUMBER			

# ALP Submission to Helena ADO: LOGISTICS

ALPs sent to the FAA should be accompanied by:

- ✓ Memo describing all changes since the last revision or update
- ✓ A completed SOP 2.00 review checklist (Appendix A of the SOP)



# ALP Submission to Helena ADO: LOGISTICS

- Sponsor/consultant will provide one hard copy draft revised or updated ALP to the Helena ADO for review and comments
- The *ALP Cover Sheet* will provide a space for upload of the ADO ALP approval letter; *the FAA ADO approval box for stamp and signature is no longer needed*



# ALP Submission to Helena ADO: LOGISTICS

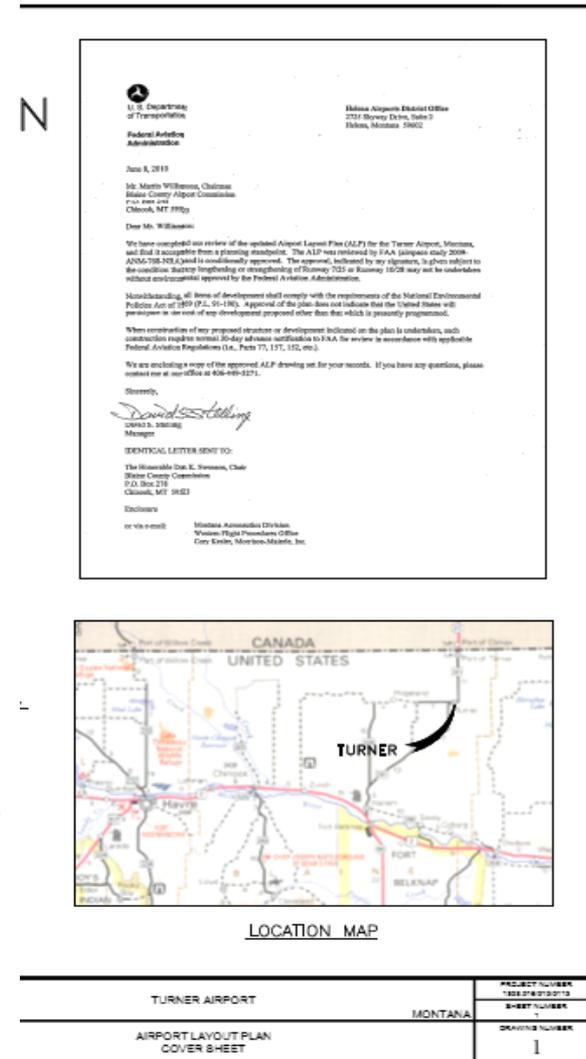
- **Once the ALP has been reviewed and approved, the Helena ADO will transmit the ALP approval letter to the consultant and sponsor(s) via e-mail (.pdf format)**



# ALP Submission to Helena ADO: LOGISTICS

➤ The Sponsor or Consultant will upload the approval letter onto the *ALP Cover Sheet*

➤ <http://www.faa.gov/airports/resources/sops/media/arp-SOP-200-ALP-Review.pdf>



N

U.S. DEPARTMENT  
of Transportation  
Federal Aviation  
Administration

Helena Airport Enclave Office  
2511 Highway Drive, Suite 2  
Helena, Montana 59602

June 8, 2011

Mr. Martin Williams, Chairman  
Helena County Airport Committee  
P.O. Box 444  
Chico, MT 59703

Dear Mr. Williams:

We have completed our review of the updated Airport Layout Plan (ALP) for the Turner Airport, Montana, and find it acceptable from a planning standpoint. The ALP was reviewed by FAA pursuant to 2008 ASMT-708-203. Approval is conditionally approved. The approval, indicated by my signature, is given subject to the condition that any lengthening or strengthening of Runway 7/25 or Runway 10/28 may not be undertaken without environmental approval by the Federal Aviation Administration.

Notwithstanding, all items of development shall comply with the requirements of the National Environmental Policy Act of 1969 (P.L. 91-190). Approval of the plan does not indicate that the United States will participate in or endorse any development proposed other than that which is presently programmed.

When construction of any proposed structure or development indicated on the plan is undertaken, such construction requires normal 30-day advance notification to FAA for review in accordance with applicable Federal Aviation Regulations (i.e., Parts 77, 137, 135, etc.).

We are enclosing a copy of the approved ALP drawing set for your records. If you have any questions, please contact me at our office at 406-469-3274.

Sincerely,  
  
David S. Stalling  
Manager

IDENTICAL LETTER SENT TO:  
The Honorable Don E. Stinson, Chair  
State Airport Commission  
P.O. Box 278  
Chico, MT 59703

Enclosure  
or via e-mail: Montana Approvals Division,  
Western Flight Procedures Office  
Cory Krueh, Mountain-Maine, Inc.



LOCATION MAP

TURNER AIRPORT	MONTANA	PROJECT NUMBER 100-0-200-010
AIRPORT LAYOUT PLAN COVER SHEET		SHEET NUMBER 1



# ALP Submission to Helena ADO: LOGISTICS

- The consultant will provide a final signed hard copy back to the ADO along with the final signed copy in an electronic .pdf format
- The consultant will send the signed electronic .pdf version and remaining hard copies to all sponsors and required agencies; ADO will advise number of hard copies needed



# Airport Layout Plans SOP 2.00

This guidance outlines the FAA process to promote consistency across FAA offices regarding FAA review and approval of ALPs



# FAA-ARP ALP SOP 2.00

- This SOP is not intended to replace every action related to ALPs
- The scope of this SOP is limited to ALP review and approval only
- Checklist!



FAA  
Airports

**ARP SOP  
2.00**

Effective Date:  
October 1, 2013

**Standard Operating Procedure (SOP)**

**Standard Procedure for FAA Review and Approval of Airport Layout Plans (ALPs)**

**1. PURPOSE**

This SOP establishes uniform procedures for reviewing and approving Airport Layout Plans (ALPs). ALPs are drawings used to graphically depict current and future airport facilities. Standards for ALPs can be found in Advisory Circular 150/5070-6B, Airport Master Plans. The term Airport Layout Plan typically refers to a single document or drawing covering the entire airport. It also refers to the set of drawings which typically consists of:

a. Cover Sheet	h. Airport Land Use Drawing
b. ALP Drawing	i. Off-Airport Land Use Drawing (as needed)
c. Data Sheet	j. Airport Property Map / Exhibit A
d. Facilities Layout Plan	k. Runway Departure Surface Drawing
e. Terminal Area Plan (as needed)	l. Utility Drawing
f. Airport Airspace Drawing	m. Airport Access Plans
g. Inner Portion of the Approach Surface Drawing	n. Other Plan

**2. SCOPE**

The scope of this SOP is limited to ALP review and approval. This SOP is not intended to discuss or describe every action related to ALPs. The primary content of this SOP is an instructive review checklist (Appendix A), standard ALP approval letters (Appendix B), and a General ALP Process Chart (Appendix C). This SOP does not address electronic or eALPs.

**3. CANCELLATION**

This SOP does not cancel a previous version.



# Keeping the ALP Current

- **Assurance no. 29:** The sponsor agrees to “keep up to date at all times a layout plan of the airport”
- The **AIP HANDBOOK** requires a proposed AIP project to be depicted on the approved ALP before that project can be approved



# Keeping the ALP Current

- As a general rule, all ALPs with approval dates older than five years are reviewed for currency
- Each airport is reviewed in light of what is happening, and what is expected to happen
- High activity airports may require more frequent updates than low activity airports



# ALP Revision or Update

ALP revisions or updates are needed in order to:

- Adequately provide for future needs
- Conform with current airport design standards
- Accurately reflect the existing features, and/or reflect airport and critical land use changes which may affect the navigable airspace or the ability of the airport to expand



# ALP Revision or Update

## Revision

- Purpose is to modify existing ALP to reflect recent development
- Only sheets affected by development will be revised
- Generally, no change is required to ALP Narrative or Master Plan
- In most cases, no airspace review is required
- Requires current Sponsor and FAA approval



# ALP Revision or Update

## Revision

- ❖ Most construction projects will require an ALP revision—should show not only the physical improvements, but also changes to all of the affected FAR Part 77 surfaces and associated data tables and sheets



# ALP Revision or Update

## Update

- Purpose is to reflect new ideas in the planned development of the airport and results from a Master Planning process
- ALP is coordinated (Airspace approval) through FAA Airports Airway Facilities, Flight Standards, Air Traffic and Security Divisions
- Requires Sponsor and FAA approval



# ALP Revision or Update

- Revisions must reflect current guidance and design criteria in effect at the time of grant issuance
- Updates must be produced in conformance with current FAA guidance



# ALP Non-Standard Conditions

- Non-standard conditions on an ALP must be shown and the ALP must demonstrate a plan to bring it up to standards
- Any ultimate runway development and use will need to be reviewed for consistency with FAA Memorandum “Interim Guidance on Land Uses Within a Runway Protection Zone” dated, September 27, 2012 or subsequent policy guidance regarding RPZs

# ALP Data Submission

- Please ensure runway end coordinates and elevations are accurate and consistent with those uploaded to the current ALP
- For those airports that have not completed an AGIS survey, NASR (National Airspace Systems Resources) data that has been uploaded to OE/AAA (Obstruction Evaluation) will be used as the definitive data source for airports by all FAA Lines of Business and will be imported into the FAA AGIS database that will be used to create eALPs

# Grant Programming Documentation

- Fiscal Year needs to be included in grant numbers on applications and document submissions
- Project details are needed before the grant programming stage
- Narratives must be more descriptive and include justification for project

# Grant Programming Documentation

## DOCUMENTATION:

- Sketches & Maps
- PCIs on pavement, year constructed and year the pavement was last maintained/rehabbed
- Detailed description of work and/or equipment to be acquired and justification (i.e. Why is it needed now?) for project should be included in Narrative



# Grant Programming Documentation

- Narratives should include dimensions and locations of pavements and buildings being maintained, rehabilitated or built
- For Buildings, Runways and Taxiways—use feet or square feet, never square yards
- For Aprons *only*—use square yards



# Grant Programming Documentation

- Types of equipment being purchased need to be described in more detail and whether the equipment is a new addition or replacing old equipment; i.e., “SRE Acquisition” is **not** a sufficient description
- If the equipment is replacing another piece of equipment, include year the equipment being replaced was purchased and justification for replacement



# Grant Programming Documentation

- If project is phased, describe completed phases, current phase and any future phases, as well as the associated/estimated costs for each phase and planned timeframe for completion

