DEPARTMENT OF TRANSPORTATION
Federal Aviation Administration

Proposed Technical Standard Order (TSO)–C151c, Terrain Awareness and Warning System (TAWS)

ACTION: Notice of availability and request for public comment.

SUMMARY: This notice announces the availability of, and request for public comments on a second draft of Technical Standard Order (TSO)–C151c, Terrain Awareness and Warning System. Comments received from the initial June 2011 release, resulted in changes to the proposed document significant enough to require this public comment offering.

DATES: Comments must be received on or before March 5, 2012.


SUPPLEMENTARY INFORMATION:

Comments Invited
You are invited to comment on the proposed revised TSO by submitting written data, views, or arguments to the above address. Comments received may be examined, both before and after the closing date at the above address, weekdays except federal holidays, between 8:30 a.m. and 4:30 p.m. The Director, Aircraft Certification Service, will consider all comments received on or before the closing date.

Background
The initial public offering of the draft TSO–C151c offered the following changes:

a. Clarification of the 500 foot altitude call out requirement for Class A TAWS equipment.
b. Addition of Localizer Performance with Vertical guidance (LPV) and Global Navigation Satellite System (GNSS) Landing System (GLS) glideslope alerting to the Ground Proximity Warning System (GPWS) Mode 5 glideslope alert.

c. Elimination of the provision to adjust or modify the GPWS envelopes to minimize nuisance alerts based on Forward-Looking Terrain Avoidance (FLTA) and Premature Descent Alert (PDA) functionality without a deviation.
d. Allowances for eliminating GPWS nuisance alerts (Appendix 1, paragraph 3.4).
e. Requirement for the primary horizontal position source to be GPS, to ensure utilization of the most accurate and consistent horizontal position data.
f. Addition of velocity and vertical GPS reporting requirement to inhibit alerting when GPS position is invalid, unless a backup position source is in use.

The FAA received numerous comments on:

1. (1) The 500 foot altitude call out;
2. (2) the elimination of the GPWS envelope modification allowance;
3. (3) the GPS horizontal position source requirement; and
4. (4) the position source requirements. A summary of those public comments and the FAA’s resolution are included with the second draft of TSO–C151c.

This announcement requesting comments on the revised proposal TSO–C151c, contains the following significant changes:

a. Alert suppression for Required Navigation Performance (RNP) requirements are added to Appendix 1, Paragraph 3.1.4.
b. The allowance in TSO–C151b to adjust or modify the GPWS alerting thresholds is restored in the current version of TSO–C151c. (We provide clarifying language that deviations need to be accomplished in accordance with Title 14 of the Code of Federal Regulations (14 CFR) 21.618.)
c. The requirement in the initial proposal of TSO–C151c, requiring the Class A 500 ft voice call out on all approaches is changed to the TSO–C151b requirement, for the Class A 500 ft voice call out on non-precision approaches only.
d. TSO–C151b and the first offering of the proposed TSO–C151c, both allow for the 500 ft callout to be made based on radar altimeter height above terrain, or by a comparison of current altitude (barometric or GNSS) above the runway threshold height. This revised proposed TSO–C151c allows the 500 ft voice call out to be the current altitude (barometric or GNSS) above the runway threshold height. Note that in the current proposal, the allowance to make the voice callout based solely on a radio altimeter height above terrain is removed. The rationale is that all TAWS equipped aircraft will annunciate the altitude call referenced to the runway.
threshold height, allowing for consistency in the altitude call out.
  e. Clarification of TAWS position requirements (See Proposed Paragraphs 5.0 through 5.6).
  f. All GPS requirements are unchanged from the TSO–C151b requirement.

How To Obtain Copies
A copy of the proposed TSO–C151c may be obtained via the information contained in the section titled FOR FURTHER INFORMATION CONTACT, or from the FAA Internet Web site at: http://www.faa.gov/aircraft/draft_docs/.

Issued in Washington, DC, on January 31, 2012.

Susan J. M. Cabler,
Assistant Manager, Aircraft Engineering Division, Aircraft Certification Service.

DEPARTMENT OF TRANSPORTATION
Federal Highway Administration

Notice of Final Federal Agency Action on Proposed Highway in Utah

AGENCY: Federal Highway Administration (FHWA), DOT.

ACTION: Notice of Limitations on Claims for Judicial Review of Actions by FHWA and other Federal Agencies.

SUMMARY: This notice announces actions taken by the FHWA and other Federal agencies that are final within the meaning of 23 U.S.C. 139(f)(1). The actions relate to a proposed transportation improvement project (Logan 200 East, minor arterial project) in Logan, Cache County in the State of Utah. These actions grant licenses, permits, and approvals for the project.

DATES: By this notice, the FHWA is advising the public of final agency actions subject to 23 U.S.C. 139(f)(1). A claim seeking judicial review of the FHWA actions on the highway project will be barred unless the claim is filed on or before August 1, 2012. If the Federal law that authorizes judicial review of a claim provides a time period of less than 180 days for filing such a claim, then that shorter time period still applies.

FOR FURTHER INFORMATION CONTACT: For FHWA: Mr. Edward Woolford, Environmental Program Manager, Federal Highway Administration, 2520 West 4700 South, Suite 9A, Salt Lake City, Utah 84129; telephone (801) 955–3524; email: Edward.Woolford@dot.gov. The FHWA Utah Division’s regular business hours are Monday through Friday, 7:30 a.m. to 4:30 p.m. MST.

Supplementary Information: Notice is hereby given that the FHWA and other Federal agencies have taken final agency actions by issuing licenses, permits and approvals for the following highway project in the State of Utah: The Logan 200 East Minor Arterial Project, Cache County, Utah, project number HPP–LC05(29), Federal Lead Agency: Federal Highway Administration.

Project Description: The Selected Alternative (Build Alternative 2A) implements a transportation project consisting of: (1) A new signalized intersection, including one through travel lane for all approaching directions, center turn lanes, right turn lanes, and designated pedestrian crosswalks; (2) the installation of two pedestrian under crossings locations; (3) construction of a roadway, with a slope to accommodate a change in elevation between Center Street and 100 South, and retaining walls to retain roadway fills; (4) termination of Pioneer Avenue in a cul-de-sac and access for all existing uses would be maintained; (5) road resurfacing, restriping to establish uniform roadway cross-section throughout the corridor, reconstruction of curb and gutter, and installation of storm drainage facilities as needed to convey drainage; (6) reconstruction of the intersection of 200 south and 200 east and widening the southern log to match the northern roadway width and reconfiguration of intersection controls; (7) widening, with an 11-foot center turn lane, two 11-foot travel lanes, two 11-foot parking/bike lanes, 2.5-foot curb and gutter, 8-foot park strips, 5-foot sidewalks, and 1-foot buffers behind sidewalks; and (8) construction of intersection improvements, including left-turn lanes for both east/westbound travel on 200 East, and a right-turn lane westbound.

The actions by the FHWA and other Federal agencies, and the laws under which such actions were taken, are described in the Environmental Assessment (EA) for the project, approved on January 13, 2011, in the FHWA Finding of No Significant Impact (FONSI) issued on January 12, 2012, and in other documents in the FHWA administrative record. The EA, FONSI, and other documents in the FHWA administrative record are available by contacting the FHWA at the address provided above.

This notice applies to all Federal agency decisions as of the issuance date of this notice and all laws under which such actions were taken, including but not limited to:


2. Air: Clean Air Act [42 U.S.C. 7401–7671(q)];

3. Land: Section 4(f) of the Department of Transportation Act of 1966 [49 U.S.C. 303];


8. Executive Orders: E.O. 11990, Protection of Wetlands; E.O. 11988, Floodplain Management; E.O. 12898, Federal Actions to address Environmental Justice in Minority Populations and Low Income Populations; E.O. 13175, Consultation and Coordination with Indian and Tribal Governments; E.O. 13112, Invasive Species. Nothing in this notice creates a cause of action under these Executive Orders.

(Catalog of Federal Domestic Assistance Program Number 20.205, Highway Planning and Construction. The regulations implementing Executive Order 12372 regarding intergovernmental consultation on Federal programs and activities apply to this program.)

Authority: 23 U.S.C. 139(f)(1)

Issued on: January 23, 2012.

James C. Christian,
Division Administrator, Salt Lake City.

DEPARTMENT OF TRANSPORTATION
Federal Transit Administration

Alternative Transportation in Parks and Public Lands Program

AGENCY: Federal Transit Administration (FTA), DOT.