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Public Information Statement 25-38
National Weather Service Headquarters Silver Spring MD
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FROM: Kevin Stone, Team Lead
 Aviation and Space Weather Services Branch

SUBJECT: Soliciting Comments for Addition of Mountain Wave
Turbulence to the Graphical AIRMETS through August 1, 2025

The National Weather Service (NWS) is soliciting comments through August 1, 2025, on a proposed addition of mountain wave turbulence to the Graphical Airmen's Meteorological Information (G-AIRMET).

In response to a National Transportation Safety Board safety recommendation for the NWS to "provide a primary aviation weather product that specifically addresses both the potential for and the existence of mountain wave activity and the associated aviation weather hazards", the NWS proposes to include mountain wave turbulence in the G-AIRMET product.

The Aviation Weather Center (AWC) routinely issues forecasts for moderate turbulence via G-AIRMETS. AWC is planning to add a mountain wave descriptor to the high level and low-level turbulence polygons when mountain waves are associated with the turbulence flight hazard. Additionally, mountain wave attributes will be included in the G-AIRMET USWX XML code. An example of this code is as follows:

```
<turbCategory  
xlink:href="http://codes.nws.noaa.gov/NWSI-10-  
811/TurbulenceCategory" xlink:title="MTNWVE"/>
```

```
<turbCategory  
xlink:href="http://codes.nws.noaa.gov/NWSI-10-  
811/TurbulenceCategory" xlink:title="NON-SPECIFIC"/>
```

AWC is planning for operational implementation of mountain wave information in the turbulence G-AIRMETS by April 2026. The FAA-NWS joint-agency working group is aware of the proposed change and concurs with the addition to the turbulence G-AIRMETS.

Please provide comments to:

Kevin Stone
Team Lead, Aviation and Space Weather Services Branch
National Weather Service Headquarters
Silver Spring, Maryland
301-427-9363
kevin.stone@noaa.gov

or

Jonathan Leffler
Chief, Aviation Operations Branch
Aviation Weather Center
Kansas City, Missouri
816-584-7239
jonathan.leffler@noaa.gov

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