

Explanation: Wake Turbulence Reporting
Domestic U.S. Reduced Vertical Separation Minimum (RVSM) Airspace

Wake Turbulence Reporting. The FAA is requesting that pilots report wake turbulence events that occur in RVSM airspace in the lower 48 states of the United States, Alaska, Offshore Airspace and the San Juan FIR. FL 290-410 (inclusive) at the RVSM flight levels.

Reporting. The NASA Aviation Safety Reporting System (ASRS) website should be used for reporting. General reporting form (NASA ARC 227B) can be filled out electronically online. If an operator cannot file the form online it can be downloaded and mailed in. Instructions for submitting the form are available on the ASRS website. If submitting the form by mail the “Supplemental Information” form (see page 2) can be included with the NASA ASRS form.

The “Type of Event/Situation” block on the NASA ASRS form should be annotated with the words: “Wake Turbulence”.

Web page Access: Report Procedures.

1. The NASA ASRS web address is: <http://asrs.arc.nasa.gov/report/electronic.html>
2. For a copy of a downloadable form: <http://asrs.arc.nasa.gov/report/mail.html>
3. Additional information can be found on the FAA’s RVSM Documentation website at: https://www.faa.gov/air_traffic/separation_standards/rvsm/documentation/

Guidance on Wake Turbulence in U.S. RVSM Airspace. See RVSM Chapter 4, Section 6, paragraph 4-6-7 of the FAA Aeronautical Information Manual, *Official Guide to Basic Flight Information and ATC Procedures*.

FAA Contacts.

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Supplemental Wake Turbulence Information
Domestic U.S. RVSM Airspace (Flight Levels 290-410)

Name: _____ **Date/Time of Occurrence:** _____

Instructions.

1. Complete the NASA Aviation Safety Reporting System (ASRS) “General Form” (NASA ARC 277B) electronically if possible.
2. Annotate the “Type of Event/Situation” block on the NASA ASRS form with the words: “Wake Turbulence”.
3. Include comments/narrative in the “Event/Situation” section of the NASA ASRS form.
4. Copy Paste this information into the Event Situation Section of the ASRS form. If unable to fill out the form electronically, mail this “Supplemental Information” form with the “General Form” **or** write the information in the “Event/Situation” section of the ASRS form.

Information

Were you aware of the other aircraft before the event? YES NO

If so, how? Visual ATC Traffic Advisory TCAS Other

What was the position of the **OTHER AIRCRAFT**, when you encountered wake turbulence?

<input type="checkbox"/> Level	Flight Level	
<input type="checkbox"/> Climbing	<input type="checkbox"/> Descending	
<input type="checkbox"/> Opposite direction	Feet above	Miles past
<input type="checkbox"/> Same direction	Feet above	Miles in front
<input type="checkbox"/> Converging	Feet above	Miles away
<input type="checkbox"/> Crossing	Feet above	Miles in front

Briefly characterize the magnitude of the wake turbulence:

Did you experience VERTICAL ACCELERATION?

YES NO

What was the change in ALTITUDE? _____ Feet up _____ Feet down

What was the change in aircraft ATTITUDE? Estimate angle of change in:

PITCH ROLL YAW

Was there buffeting? YES NO

Was there stick shake? YES NO

Was the autopilot engaged? YES NO

Was the auto throttle engaged? YES NO