

NOTICE

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
Air Traffic Organization Policy

N JO 7110.767

Effective Date:
October 15, 2019

Cancellation Date:
January 30, 2020

SUBJ: Separation Minima During Commercial Space Launch and Reentry Operations

- 1. Purpose of This Notice.** This notice amends FAA Order JO 7110.65Y, Air Traffic Control, Paragraph 9-3-2, Separation Minima, to provide procedures to be used in conjunction with commercial space launch and reentry operations.
- 2. Audience.** This notice applies to the following Air Traffic Organization (ATO) service units: Air Traffic Services, Mission Support, Systems Operations, Safety and Technical Training, and all associated air traffic facilities.
- 3. Where Can I Find This Notice?** This notice is available on the MyFAA employee website at https://employees.faa.gov/tools_resources/orders_notices/ and on the air traffic publications website at http://www.faa.gov/air_traffic/publications/.
- 4. Cancellation.** This notice cancels upon publication of FAA Order JO 7110.65Y, Change 1, effective January 30, 2020.
- 5. Explanation of Policy Change.** Amend FAA Order JO 7110.65Y as follows:

9-3-2 SEPARATION MINIMA

Unless clearance of nonparticipating aircraft in/through/adjacent to a prohibited/restricted/warning area/MOA/ATCAA/stationary ALTRV is provided for in a letter of agreement (LOA) or letter of procedure (LOP), separate nonparticipating aircraft from active special use airspace, ATCAAs, and stationary ALTRVs by the following minima:

NOTE-

Nonparticipating aircraft refers to those aircraft for which you have separation responsibility and which have not been authorized by the using agency to operate in/through the special use airspace, ATCAA, or stationary ALTRV. VFR traffic is not prohibited from transiting stationary ALTRVs or transitional hazard areas.

a. thru b. No Change

EXCEPTIONS:

1. Some prohibited/restricted/warning areas are established for security reasons or to contain hazardous activities not involving aircraft operations. Where facility management has identified these areas as outlined in FAA Order JO 7210.3, Facility Operation and Administration, vector aircraft to remain clear of the peripheral boundary.

2. For stationary ALTRVs issued for the purpose of space launch or reentry operations, ensure aircraft remain clear of the peripheral boundary.

c. No Change

d. For stationary ALTRVs and Temporary Flight Restrictions (TFR) issued for the purpose of space launch or reentry operations to protect Aircraft Hazard Areas (AHA):

1. Do not allow nonparticipating aircraft to operate in an AHA unless real-time notifications of the actual start of activity and end of activity of the AHA is provided to affected facilities via ATCSCC coordination.

2. Do not provide ATC services to aircraft at airports that lie within an AHA unless real-time notifications of the actual start of activity and end of activity of the AHA is provided to affected facilities via ATCSCC coordination.

e. For NOTAMs issued for the purpose of space launch or reentry operations to protect Transitional Hazard Areas (THA):

1. Aircraft may enter provided they are not holding, loitering, or hovering, and are cleared on:

(a) Routing approved by the ATCSCC that has an angular difference of 30 through 150 degrees from the launch/reentry course, or

(b) Crossing courses that have an angular difference of 45 through 135 degrees from the launch/reentry course.

NOTE-

The intent is to provide a crossing angle that accounts for the effects of wind.

REFERENCE-

FAA Order JO 7110.65, Para 1-2-2, Course Definitions

2. Do not provide ATC Services to aircraft at airports that lie within a THA unless real-time notifications of the actual start of activity and end of activity of the THA is provided to affected facilities via ATCSCC coordination.


d. Delete

No further changes to paragraph.

6. Distribution. This notice is distributed to the following ATO service units: Air Traffic Services, Mission Support Services, System Operations, and Safety and Technical Training, the Air Traffic Safety Oversight Service, the William J. Hughes Technical Center, and the Mike Monroney Aeronautical Center.

7. Background. In May 2017, an SRM panel evaluated certain space launches in the NAS. As a result of this panel, the Acceptable Level of Risk (ALR) concept was devised, which created requirements for aircraft operations in the vicinity of space launch and reentry operations.



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8/19/19

Date Signed