

NOTICE

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

N JO 7110.647

Effective Date:
December 20, 2013

Cancellation Date:
December 19, 2014

SUBJ: Radar Identification Application

- 1. Purpose of This Notice.** This notice amends FAA Order JO 7110.65U, and is applicable to aircraft transiting from oceanic airspace or non-radar offshore airspace to a radar coverage area where radar separation is applied. This guidance implements the provisions of International Civil Aviation Organization (ICAO) Procedures for Air Navigation Services-Air Traffic Management (PANS-ATM) Doc 4444, Paragraph 8.7.2.8.
- 2. Audience.** This notice applies to the Air Traffic Organization (ATO) service units: En Route and Oceanic, Terminal, Mission Support, and System Operations; and all associated air traffic control facilities.
- 3. Where Can I Find This Notice?** This notice is available on the MyFAA employee Web site at https://employees.faa.gov/tools_resources/orders_notices/ and on the air traffic publications Web site at http://www.faa.gov/air_traffic/publications/.
- 4. Cancellation.** This notice is cancelled with the publication of FAA Order JO 7110.65V, Change 1.
- 5. Procedures.** Amend FAA Order JO 7110.65 to read as follows:

5-3-1. APPLICATION

Before you provide radar service, establish and maintain radar identification of the aircraft involved, except as provided in Para 5-5-1, Application, Subparagraphs b2, b3 and in Para 8-5-5, Radar Identification Application.

REFERENCE-

*FAA Order JO 7110.65, Para 3-1-9, Use of Tower Radar Displays.
FAA Order JO 7110.65, Para 5-1-1, Presentation and Equipment Performance.*

5-5-1. APPLICATION

Title thru b.3 No Change.

4. A radar-identified aircraft and one not radar-identified that is in transit from oceanic airspace or non-radar offshore airspace into an area of known radar coverage where radar separation is applied as specified in Paragraph 8-5-5, Radar Identification Application, until the transiting aircraft is radar identified or the controller establishes other approved separation in the event of a delay or inability to establish radar identification of the transiting aircraft.

REFERENCE-

FAA Order JO 7110.65, Para 2-2-6, IFR Flight Progress Data.

FAA Order JO 7110.65, Para 5-1-1, Presentation and Equipment Performance.

FAA Order JO 7110.65, Para 5-3-1, Application.

FAA Order JO 7110.65, Para 8-1-8, Use of Control Estimates.

FAA Order JO 7110.65, Para 8-5-5, Radar Identification Application.

8-5-5. RADAR IDENTIFICATION APPLICATION

Radar separation standards may be applied between radar identified aircraft and another aircraft not yet identified that is in transit from oceanic airspace or non-radar offshore airspace into an area of known radar coverage where radar separation is applied provided:

- a. Direct radio communications is maintained with one of the aircraft involved and there is an ability to communicate with the other;
- b. The transiting aircraft is RNAV equipped;
- c. The performance of the radar/system is adequate;

REFERENCE-

FAA Order JO 7110.65, Para 5-1-1, Presentation and Equipment Performance.

- d. Flight data on the aircraft that has not been radar identified indicate that it is equipped with a standard transponder and there is no known information that the transponder is not operating;
- e. Radar separation standards are maintained between the radar identified aircraft and any other observed targets until the transitioning aircraft is radar identified or non-radar separation is established;
- f. The facility has identified areas of known radar coverage, incorporated those areas into facility standard operating procedures (SOP), and provided training to the controllers;
- g. This procedure is also applicable to aircraft in transit from oceanic airspace into Guam Control Area (CTA), San Juan CTA and Honolulu CTA radar coverage areas.

EXCEPTION: This procedure is not authorized if there is insufficient time for the controller to establish other approved separation in the event of a delay or inability to establish radar identification of the transiting aircraft taking into consideration factors such as aircraft performance characteristics, type, and speed; weather, traffic conditions; workload; frequency congestion; etc.

REFERENCE-

FAA Order JO 7110.65, Para 2-2-6, IFR Flight Progress Data.

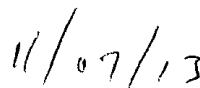
FAA Order JO 7110.65, Para 8-1-8, Use of Control Estimates.

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

7. Background. This notice adds procedural changes to FAA Order JO 7110.65 as provided by the ICAO PANS-ATM Doc 4444, Paragraph 8.7.2.8, until these changes are incorporated in FAA Order JO 7110.65, on July 24, 2014.

Handwritten signature of Elizabeth L. Ray in cursive script.

Elizabeth L. Ray
Vice President, Mission Support Services
Air Traffic Organization

Handwritten date 11/07/13 in cursive script.

Date Signed