

5.1.2 The controller will be satisfied that the available functional capabilities of the Radar surveillance system as well as the information presented on the situation display(s) is adequate for the functions to be performed.

5.1.3 The controller will report to Flight Operation Department (FOD), ATS Division (ATSD) and Radar Surveillance Division (RSD), any fault in the equipment, or any incident requiring investigation, or any circumstances which make it difficult or impractical to provide Radar surveillance services.

5.2 IDENTIFICATION OF AIRCRAFT

5.2.1 ESTABLISHMENT OF IDENTIFICATION

5.2.1.1 Before providing an Radar surveillance service to an aircraft, identification will be established and the pilot informed. Thereafter, identification will be maintained until termination of the Radar surveillance service.

5.2.1.2 If identification is subsequently lost, the pilot will be informed accordingly and, when applicable, appropriate instructions issued.

5.2.1.3 Identification will be established by at least one of the methods specified in 5.2.2, and 5.2.3.

5.2.2 SSR IDENTIFICATION PROCEDURES

5.2.2.1 Where SSR is used for identification, aircraft may be identified by one or more of the following procedures:

- a) Recognition of an assigned discrete code, the setting of which has been verified, in an SSR label,
- b) Direct recognition of the aircraft identification of a Mode S-equipped aircraft in an SSR label,

Note: The aircraft identification feature available in Mode S transponders provides the means to identify directly individual aircraft on situation displays and thus offers the potential to eliminate ultimately the recourse to Mode A discrete codes for individual identification. This elimination will only be achieved in a progressive manner depending on the state of deployment of suitable ground and airborne installations.

- c) By transfer of identification (see 5.3),
- e) Observation of compliance with an instruction to set a specific code,
- f) Observation of compliance with an instruction to squawk IDENT.
 - ❖ SQUAWK IDENT
 - ❖ SQUAWK (code) AND IDENT
 - ❖ SQUAWK ALFA (code) AND IDENT

5.2.2.2 When a discrete code has been assigned to an aircraft, a check will be made at the earliest opportunity to ensure that the code set by the pilot is identical to that assigned for the flight. Only after this check has been made will the discrete code be used as a basis for identification.