



Mode S – Flight Plans and Transponders

European States will be commencing Mode S ELS services in the near future but, of course, ATC ground surveillance and flight plan processing systems need to be fully tested beforehand.

Although this process has already begun, we need YOU, flight crews and aircraft operations staff, to accurately complete flight plans and operate your Mode S transponders in the approved manner. Only then can the systems be validated for operational use.

It is imperative, therefore, that the following, simple steps (as detailed in ICAO Doc 4444 – Procedures for Air Navigation Services: Air Traffic Management and ICAO Doc 8168 - Procedures for Air Navigation Services: Aircraft Operations) are followed precisely:

FLIGHT PLANS

Item 7 – Aircraft Identification

Here you must enter either:

the three letter ICAO designator for the aircraft operating agency, followed by the flight number (e.g. BAW123)

When this is entered at Item 7, the R/T call sign used will consist of the ICAO telephony designator for the operating agency followed by the flight identification (in this example: "Speedbird 123").

[See ICAO Doc 8585 - "Designators for Aircraft Operating Agencies, Aeronautical Authorities and Services", for code/de-code information]

or/

the Registration Marking of the aircraft (e.g. FGZCF)

When this is entered, the R/T call sign to be used will consist of this identification alone (e.g. "FGZCF"), or preceded by the ICAO telephony designator for the aircraft operating agency (e.g. "Airfrans FGZCF").

NOTE: What is entered at item 7 **must** match exactly what is entered in the Mode S Aircraft Identification (also known as Flight ID) input device in the cockpit. If it does not, then the aircraft will not be correlated with its stored flight plan and delays will ensue.

There must be no spaces ahead of or between the designator letters and flight number, nor any additional/superfluous zeros. If the input device requires all character boxes to be filled, enter spaces after the flight number.

