

## TBL 4-3

**Item 10b Surveillance Capabilities**

*ENTER* "N" if no surveillance equipment for the route to be flown is carried, or the equipment is unserviceable,  
or

*ENTER* One or more of the following descriptors, to a maximum of 20 characters, to describe the serviceable surveillance equipment and/or capabilities on board.

*ENTER* no more than one transponder code (Modes A, C, or S)

**SSR Modes A and C:**

A	Transponder	Mode A (4 digits – 4096 codes)
C	Transponder	Mode A (4 digits – 4096 codes) and Mode C

**SSR Mode S:**

E	Transponder	Mode S, including aircraft identification, pressure–altitude, and extended squitter (ADS–B) capability
H	Transponder	Mode S, including aircraft identification, pressure–altitude, and enhanced surveillance capability
I	Transponder	Mode S, including aircraft identification, but no pressure–altitude capability
L	Transponder	Mode S, including aircraft identification, pressure–altitude, extended squitter (ADS–B), and enhanced surveillance capability
P	Transponder	Mode S, including pressure–altitude, but no aircraft identification capability
S	Transponder	Mode S, including both pressure–altitude and aircraft identification capability
X	Transponder	Mode S, with neither aircraft identification nor pressure–altitude

**NOTE–**

*Enhanced surveillance capability is the ability of the aircraft to down–link aircraft derived data via Mode S transponder.*

**ADS–B:**

B1	ADS–B with dedicated 1090 MHz ADS–B “out” capability
B2	ADS–B with dedicated 1090 MHz ADS–B “out” and “in” capability
U1	ADS–B with “out” capability using UAT
U2	ADS–B with “out” and “in” capability using UAT
V1	ADS–B with “out” capability using VDL Mode 4
V2	ADS–B with “out” and “in” capability using VDL Mode 4

**NOTE–**

*File no more than one code for each type of capability, e.g., file B1 or B2 and not both*

**ADS–C:**

D1	ADS–C with FANS 1/A capabilities
G1	ADS–C with ATN capabilities

Alphanumeric characters not included above are reserved.

**EXAMPLE–**

**ADE3RV/HB2U2V2G1**

**NOTE–**

- The RSP specification(s), if applicable, will be listed in Item 18 following the indicator SUR/, using the characters “RSP” followed by the specifications value. Currently RSP180 and RSP400 are in use.*
- List additional surveillance equipment or capabilities in Item 18 following the indicator SUR/.*