

(c) Transponder Capabilities (Item 10b)

- For domestic flights, it is not necessary to indicate Mode S capability. It is acceptable to simply file one of the following codes in TBL 4–8.

TBL 4–8**Mode C**

Capability	Item 10b
Transponder with no Mode C	A
Transponder with Mode C	C

- International flights must file in accordance with relevant AIPs and regional supplements. Include one of the Mode S codes in TBL 4–9, if appropriate.

NOTE–

File only one transponder code.

TBL 4–9**Mode S**

Capability	Aircraft ID	Altitude Encoding	Item 10b
Mode S Transponder	No	No	X
Mode S Transponder	No	Yes	P
Mode S Transponder	Yes	No	I
Mode S Transponder	Yes	Yes	S
Mode S Transponder with Extended Squitter	Yes	Yes	E
Enhanced Mode S Transponder	Yes	Yes	H
Enhanced Mode S Transponder with Extended Squitter	Yes	Yes	L

(d) ADS–B Capabilities (Item 10b, Item 18 SUR/ and Item 18 CODE/)

- Indicate ADS–B capability as shown in TBL 4–10. The accompanying entry in Item 18 indicates that the equipment is compliant with 14 CFR §91.227. Some ADS–B equipment used in other countries is based on an earlier standard and does not meet U.S. requirements.

- Do not file an ADS–B code for “in” capability only. There is currently no way to indicate that an aircraft has “in” capability but no “out” capability.

- For aircraft with ADS–B “out” on one frequency and “in” on another, include only the ADS–B “out” code. For example, B1 or U1, (See TBL 4–10).

TBL 4–10**ADS–B Capabilities**

Capability	Item 10b	Item 18 SUR/
1090 ES Out Capability	B1	260B
1090 ES Out and In Capability	B2	260B
UAT Out Capability	U1	282B
UAT Out and In Capability	U2	282B