

2.1. *Operation of Transponder*

2.1.1. Pilots should adjust the transponder to "on" of normal position as late as practicable prior to takeoff, and "off" or "standby" position as soon as practicable after landing, unless otherwise instructed by ATC.

2.1.2. Indent feature and low sensibility feature should be activated only when instructed by ATC.

2.1.3. When no instruction on Mode is given by ATC, the transponder should be adjusted to Mode A/C or Mode 3/C.

2.1.4. When instructed by ATC to "RECYCLE [code number]", the pilot should confirm and re-select the switch, Mode and Code number on the transponder control panel on board.

2.2. *Selection of SSR Code.*

2.2.1. The selection of SSR Code should be made as instructed by ATC except in the following cases.

2.2.2. While flying under VFR

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| a) Below 13,500 feet | Code 1200 |
| b) At or above 13,500 feet | Code 1400 |

VFR aircraft equipped with 4096 Code transponder and squawking Code 1200 or 1400 may be instructed to change the Code for the benefit of radar control service.

2.2.3. IFR aircraft entering radar controlled airspace out of non-radar controlled airspace without Code instructed by ATC. Code 2000

Note.— It is preferable that Code 2000 be selected before the aircraft enters radar controlled airspace or before the aircraft establishes radio communications with the radar control facility

2.2.4. IFR aircraft going out of radar controlled airspace to non-radar controlled airspace Code 2000

2.2.5. When a pilot feels it necessary to show any of the following in flight conditions;

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|--------------------------|-----------|
| a) Unlawful interference | Code 7500 |
| b) Communication failure | Code 7600 |
| c) Emergency | Code 7700 |

Note.— If the aircraft is in direct communications with ATC and under radar control selection of Code 7700 is not necessarily required.