

IFR – LOSS OF COMMUNICATIONS

FAR 91.185: IFR Two-way radio communications failure

IF VMC: If loss of comm occurs during VFR or VFR conditions are encountered afterwards—maintain VFR and land as soon as practicable.

IF IMC: If loss of comm occurs during IFR or VFR conditions cannot be maintained:

ROUTE—in order of priority:

1. Last route assigned by ATC
2. Route ATC has advised to expect
3. Route filed in flight plan
4. If being vectored—direct to fix, route, or airway specified in the vector clearance

ALTITUDE—fly the highest of the following for the segment being flown:

1. Altitude last assigned
2. MEA for the route segment
3. Altitude ATC said may be expected

LEAVE CLEARANCE LIMIT—

1. If clearance limit is an IAF, commence approach as close as possible to filed or amended ETA
2. If clearance limit is not an IAF, then leave clearance limit at EFC time (if no EFC time then leave clearance limit immediately) and proceed to an IAF and commence approach as close as possible to ETA

Cockpit Checks:

1. Check speaker/headphones
2. Try different microphone
3. Check circuit breakers
4. Monitor nav aids being used
5. Try another radio
6. Try another frequency
7. Check audio panel

If loss of two-way radio communications is confirmed—

1. Squawk 7600

Note: If it's possible that the problem lies only in radio reception or audio, continue to broadcast your intentions on the in the blind on the appropriate frequency.