010-05-05

Interception of civil aircraft: key figures

9 figures in 3 groups. Read the cue, say the figure, then check. Each group ends with a recap. Rules change: check the regulation in force.

Emergency frequency for the general call

121.5 MHz

When intercepted, also for the interceptor's first attempt at contact

Second emergency frequency for repeating the call

243 MHz

If there is no contact on 121.5 MHz, and if practicable

Transponder code when intercepted

7700

Mode A, if fitted, unless ATS instructs otherwise

Times each common phrase is transmitted

twice

When there is no common language

Radio and transponder: recap

CUE	FIGURE	DETAIL
Emergency frequency for the general call	**121.5 MHz**	When intercepted, also for the interceptor's first attempt at contact
Second emergency frequency for repeating the call	**243 MHz**	If there is no contact on 121.5 MHz, and if practicable
Transponder code when intercepted	**7700**	Mode A, if fitted, unless ATS instructs otherwise
Times each common phrase is transmitted	**twice**	When there is no common language

> **Call 121.5, then 243. Squawk 7700. Common phrases: twice.**

Series 2 climbing breakaway, meaning you may proceed

90° or more

Without crossing the intercepted aircraft's line of flight

Series 4 pass over the runway, lower limit of height

1 000 ft

More than 300 m above aerodrome level, aeroplanes

Series 4 pass over the runway, upper limit of height

2 000 ft

Not more than 600 m above aerodrome level, aeroplanes

Visual signals: recap

CUE	FIGURE	DETAIL
Series 2 climbing breakaway, meaning you may proceed	**90° or more**	Without crossing the intercepted aircraft's line of flight
Series 4 pass over the runway, lower limit of height	**1 000 ft**	More than 300 m above aerodrome level, aeroplanes
Series 4 pass over the runway, upper limit of height	**2 000 ft**	Not more than 600 m above aerodrome level, aeroplanes

Breakaway: 90° or more. Aerodrome inadequate: 1 000 to 2 000 ft.

Closest initial distance of the interceptor in Phase I

300 m

Visual identification, from guidance material

Range within which pressure-altitude reporting is suppressed

37 km (20 NM)

Interceptors with SSR transponders, when the intercepted aircraft has ACAS

Interceptor manoeuvres: recap

CUE	FIGURE	DETAIL
Closest initial distance of the interceptor in Phase I	**300 m**	Visual identification, from guidance material
Range within which pressure-altitude reporting is suppressed	**37 km (20 NM)**	Interceptors with SSR transponders, when the intercepted aircraft has ACAS