

Appendix 1

CONTROL HANDLES, VARIOUS

LEADING PARTICULARS

	<i>Ref. No.</i>
<i>Trim switch, type X646A</i>	<i>5CW/6901</i>
<i>Armament and cable cutter switch, type ACM 22518/8... ..</i>	<i>5CW/9198</i>
<i>Cargo release switch, type ACM 22518/8</i>	<i>5CW/9198</i>
<i>Hoist switch, type AC 61138/8</i>	<i>5CW/10411</i>
<i>Auto-stabilizer cut out switch, type ACM 22520/8</i>	<i>5CW/10409</i>
<i>Auto-stabilizer manoeuvring switch, type ACM 22978</i>	<i>5CW/</i>

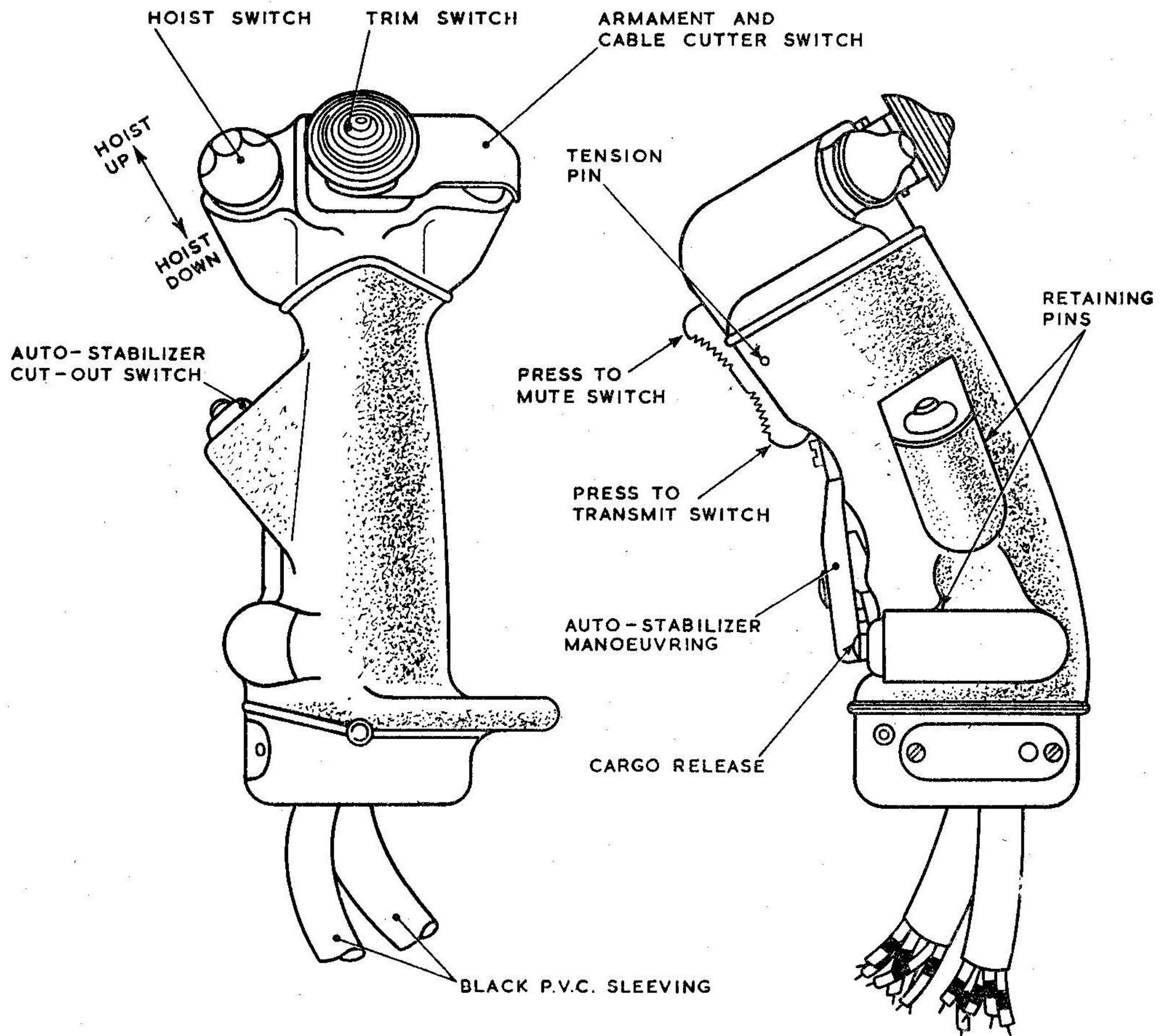


Fig. 1. Typical handle

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1. The handle illustrated and described in this Appendix is the Dunlop Type AC61824 and a test circuit (*fig. 2*) together with Table 2 gives a suitable continuity test for this handle. Table 1 contains a list of the handle types, similar to the one described, and the differences in their switch arrangement and type from that described in the Appendix.

Removal of switches

2. Loosen the cable clamp as described in para. 14 of the main chapter and proceed as follows:—

- (1) Remove the two trim switch securing screws located on the top of the handle and lift out the trim switch.
- (2) To remove armament and cable cutter switch.
 - (a) Remove trim switch.
 - (b) Remove push switch as described in para. 14(2) of the main chapter.

(3) To remove press to mute/press to transmit switch.

- (a) Remove the selector plate by pushing out the tension pin.
- (b) Remove the four 8BA screws securing the two switches to the handle and remove insulating strips, actuators and micro switches.

(4) To remove Hoist switch.

- (a) Lift rubber cover and turn circlip until its dimple is in the groove in the side of the switch recess.
- (b) Remove circlip and switch.

(5) All other switches can be removed individually by removing their retaining pin or screw.

(6) Continue as described in the main chapter para. 14(3) regarding the removal of switches and the replacement of defective switches.

TABLE 1

Switch arrangement

Handle Type	Ref. No.	Differences
AC 60044	27J/527	The hoist switch and armament switch are type ACM 20098/8 (Ref. No. 5CW/6897). Auto-stabilizer cut out and cargo release are type ACM 20100/8 (Ref. No. 5CW/8581). There is no auto-stabilizer manoeuvring switch.
AC 60054	27J/528	Hoist switch changed to push switch type ACM 20098/8 (Ref. No. 5CW/6897). Auto-stabilizer cut out and cargo release switches are type ACM 20100/8 (Ref. No. 5CW/8581). Armament and cable cutter switch replaced by a plug. There is no auto-stabilizer manoeuvring switch.
AC 60964	27J/	Hoist switch, armament and cable cutter switch, auto-stabilizer cut out and cargo release switch changed to push switch type ACM 20098/8 (Ref. No. 5CW/6897). There is no auto-stabilizer manoeuvring switch.
AC 60966	27J/543	All switches other than the press to mute/press to transmit switch are replaced by a plug; the trim switch by an angle plate. There is no auto-stabilizer manoeuvring switch.
AC 61060	27J/615	Armament and cable cutter switch and auto-stabilizer cut out switch are type ACM 19436/8 (Ref. No. 5CW/6898). Cargo release switch is type ACM 19298 (Ref. No. 5CW/6899). There is no auto-stabilizer manoeuvring switch.

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Handle Type	Ref. No.	Differences
AC 61296	27J/641	Hoist switch and armament and cable cutter switch are type ACM 20098/8 (Ref. No. 5CW/6897). Auto-stabilizer cut out switch and cargo release switch are type ACM 20100/8 (Ref. No. 5CW/8581). There is no auto-stabilizer manoeuvring switch.
AC 61298	27J/645	Hoist switch changed to push switch type ACM 20098/8 (Ref. No. 5CW/6897). Auto-stabilizer cut out and cargo release switches are type ACM 20100/8 (Ref. No. 5CW/8581). Armament and cutter switch replaced by a plug. Press to mute/press to transmit switches are type 11 SMT (Ref. No. 5CW/). There is no auto-stabilizing manoeuvring switch.
AC 61532	27J/663	As for AC 61060.
AC 61534	27J/	As for AC 60964.
AC 61812	27J/677	Hoist switch and armament and cable cutter switch are type ACM 20098/8 (Ref. No. 5CW/6897). Auto-stabilizer cut out and cargo release are type ACM 20100/8 (Ref. No. 5CW/8581). Two armament switches, type ACM 22554/8 (Ref. No. 5CW/) are mounted on top of the handle. There is no auto-stabilizer manoeuvring switch.
AC 61822	27J/679	Auto-stabilizer cut out switch and cargo release switch are type ACM 20100/8 (Ref. No. 5CW/8581). Hoist switch and armament and cable cutter switch are replaced by plugs. There is no auto-stabilizer manoeuvring switch.
AC 61824	27J/699	None.
AC 61860	27J/	As for AC 60964
AC 62320	27J/717	As for AC 60964
AC 62322	27J/818	Auto-stabilizer cut out is type ACM 22518/8 (Ref. No. 5CW/9198). Trim switch is replaced by an angle bracket and all other switches by plugs. There is no auto-stabilizer manoeuvring switch.
AC 62300	27J/732	As for AC 61812.
AC 62340	27J/715	Auto-stabilizer manoeuvring switch is type ACM 22595 (Ref. No. 5CW/).
AC 62342	27J/714	Auto-stabilizer manoeuvring switch is type ACM 24416 (Ref. No. 5CW/).
AC 62348	27J/	As for AC 60964.

Note . . .

Threads of retaining pins and securing screws should be smeared with loctite grade C (Ref. No. 33H/176).

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