

PACIFIC SCIENTIFIC COMPANY

KIN-TECH DIVISION

SERVICE BULLETIN

ROTARY BUCKLE

RESTRAINT SYSTEMS

CREW AND ATTENDANTS' AIRCRAFT SEATS

1. PLANNING INFORMATION

A. Effectivity

All restraint systems utilizing Pacific Scientific Rotary-Buckles.

B. Reason

To remove earlier models from service. New models, as later identified, significantly improve load-carrying capabilities and release more easily when the system is heavily loaded (i.e., when a seat occupant is hanging upside-down with full weight on the restraint system).

C. Description

Buckles manufactured since 1970 (app.) are distinguishable from earlier models in that the body plate assy. (Ref: Index No. 8, page 6 of Overhaul Manual w/IPB, #25-11-19) is finished in either gold or black color. Also, any models having two vanes rather than four indicate earlier models which should have been replaced. The outer edge of this part is visible in the completed assembly. (See Figure 1). This part (Index No. 8) is not utilized on the models to be replaced. The maintenance action consists of replacing the earlier buckles with those described in Manual #25-11-19. The buckles are physically interchangeable.

NOTE: Part numbers on the bottom of the buckle are not necessarily significant for this bulletin because the numbers usually identify the entire system rather than the buckle individually. The format of the center button is not significant. Page 6 of Bulletin 25-11-19 is attached.

D. Approval

Pacific Scientific HTL/Kin-Tech Division
22715 Savi Ranch Parkway, Yorba Linda, CA 92687

Date: 17 June 1977

Date: 2 August 1979, Rev. "A"

Date: 20 February 1987, Rev. "B"

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E. Manpower

Replacement can be accomplished in two minutes.

F. Material Cost and Availability

The basic part number of the replacement buckle is 1101550. Dash numbers indicate "permanent attachment", (-01 identifies right hand belt is permanently attached, -03 the left hand attachment and the -05 shows attachment to the crotch strap).

Submit-all available data when ordering, such as system assembly, part number and airplane application. Contact Factory for prices and availability.

G. Weight and Balance

None

H. References

Overhaul Manual w/IPB #25-11-19 (applicable page attached).

2. ACCOMPLISHMENT INSTRUCTIONS

A. Replacement

Remove strap to which buckle is attached by inserting a knife blade in the slot and forcing the catch downward until strap can be pulled free.

Snap fitting of same strap in place.

3. MATERIAL INFORMATION

Not applicable

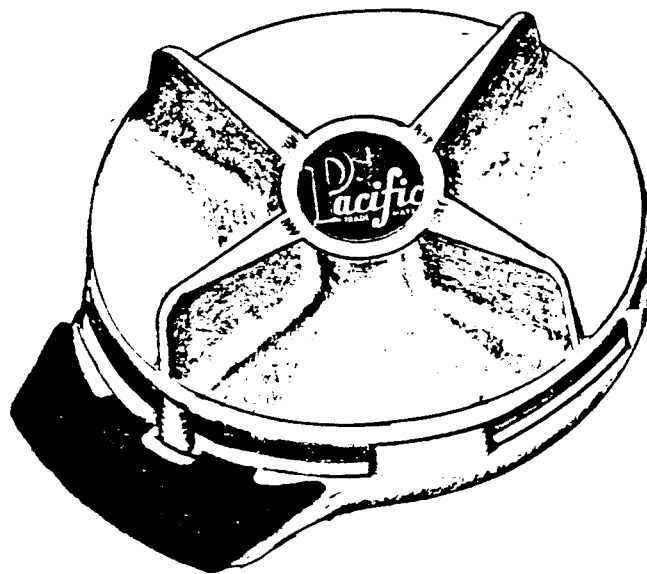
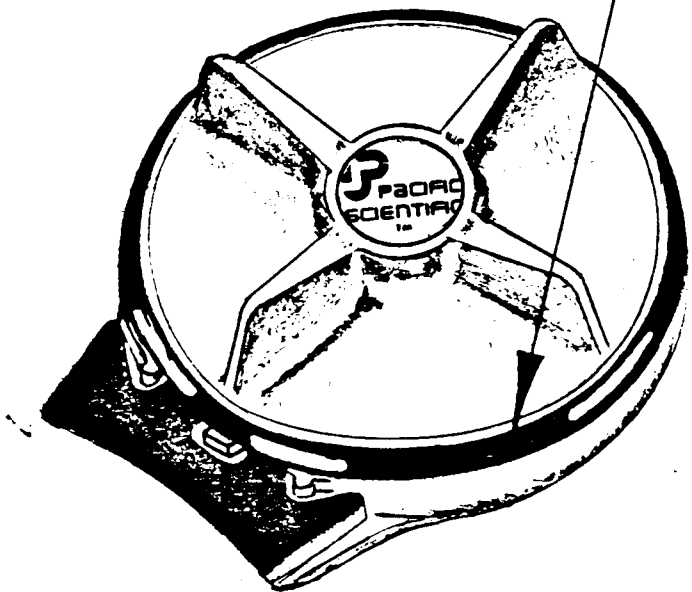
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BODY PLATE ASSEMBLY
(BLACK OR GOLD) INDEX NO. 8

NO BODY PLATE ASSEMBLY



NEW DESIGN

ORIGINAL DESIGN

FIGURE 1

Date: 17 June 1977

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