

Guidance for Adhoc Maintenance of Agency Radios Installed in Contracted or Call When Needed Aircraft.

For information

On a number of occasions Agency personnel and contractors have been called upon in exceptional circumstances to check and repair faulty Agency radios installed in State Fleet and Call When Needed aircraft.

The repair and maintenance of equipment and electronics associated with an aircraft is a strictly controlled industry. Licensed Aircraft Maintenance Engineer (LAME's), are authorised by the Civil Aviation Safety Authority (CASA) and must be involved in almost all aircraft maintenance and repair activities.

It is not acceptable for Agency personnel or contractors to carry out these tasks unless specifically approved and authorised by the LAME responsible for the aircraft in accordance with the Civil Aviation Regulations 1988.

In specific circumstances the aircraft pilot in command may have a maintenance authority to carry out some routine functions of low complexity.

Comments

Agency personnel and contractors are not able to inspect or work on agency radio equipment installed in an aircraft unless they:

- are under the supervision and direction of the LAME responsible for the aircraft or approved aircraft company representative; or
- hold an appropriate licence or certificate of approval issued by CASA.

The State Aircraft Unit requires that Agency personnel and contractors do not undertake any radio maintenance activities on State Fleet or Call When Needed aircraft outside those activities specified below.

The attached table indicates tasks which Agency personnel and contractors are able to conduct on aircraft whilst working under supervision.

Contact for further information

Adam Damen
State Aircraft Unit
9412 4888

Working under supervision common task guide			
Task	Yes	No	Comment
Install or remove radio brick and control head		X	Must be undertaken by aircraft company representative.
Install or remove antenna mounts		X	Must be undertaken by aircraft company representative.
Connect / disconnect radio cabling from radio brick	X		Pilot approval
Replacement of radio cabling		X	Must be undertaken by aircraft company representative.
Check basic radio function	X		If radio works stand alone. If interfaced with aircraft systems refer problem to appropriate company representative.
Check audio selector panel		X	Must be undertaken by aircraft company representative.
Check radio SWR	X		Pilot approval
Fit antenna to antenna mount	X		Pilot approval
Check power to radio	X		Can only be checked at radio connector. If no power at connector refer problem to appropriate company representative.
Install or remove GPS antenna		X	Must be undertaken by aircraft company representative.
Radio programming		X	Undertaken by SAU technical staff