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**GUIDELINES FOR THE COMPLETION OF FORMS 112 & 112A  
(RECORD OF INSPECTION FORMS) AND DOCUMENT CHECKS**

It is important that the BPA Record of Inspection (ROI) forms are completed correctly, as this helps prevent misunderstandings, which could result in a CI not permitting the equipment user from jumping the equipment, or the equipment having to be inspected and re-packed before the six-month repack cycle has expired.

**Below are the BPA guidelines for completing and checking the Record of Inspection**

**AAD next service date.**

1. The last day the AAD can be used including the grace period. (indicated as date including grace period or date+grace period).
2. NA if the AAD does not require servicing.

**Battery next replacement date.**

1. The actual date Battery replacement is due if there is a due date. (Note there is no grace period on battery changes).
2. NA if there is no due date (e.g. Cypres 2).

**The R.O.I date**

The date the Inspection/repack is completed and the R.O.I is filled in.

Where the current day of the month is greater than the number of days in the month 6 months ahead, (e.g. the repack is done on the 31<sup>th</sup> August 2010. The next inspection due date would be 30<sup>th</sup> Feb 2011 which doesn't exist), then the last day of the month should be used (or wait until the 1<sup>st</sup> of the month to avoid shortening the repack cycle).

**The next inspection is due within a maximum of 6 calendar months from the above date by**

The equipment can be used up to the end of this date therefore the Next Inspection Date should be one day less, than the R.O.I date, six months ahead. For example, if the inspection was completed on the 15<sup>th</sup> February then the repack due date is the 14<sup>th</sup> August and equipment can be used to the end of that day. This date may be less than six months because for example the AAD requires service or battery change sooner than six months.

This date must also comply with **all** the following:

No later than **AAD next service date** (If Applicable)

AND

No later than **Battery next replacement date.** (If Applicable)

***NB. If the R.O.I is clear and indicates the equipment is safe and legal to use it should be accepted.***

The following information provides more detail about the maintenance and battery requirements for AAD's and is believed correct at the time of printing however individual manufacturers may change their requirements so you should always check the current recommendations from the manufacturer.

## Automatic Activation Devices (AADs)

### Service requirements of AAD manufacturers:

**Cypres 2** manufactured 2015 or earlier: Mandatory Service every 4 years plus or minus six months.

**Cypres 2** manufactured 2016 maintenance is voluntary 4 yearly (Service life 12.5 years).

**Cypres 2** manufactured 2017 onwards voluntary service every 5 years (Service life 15.5 years).

**Vigil 1 & 2 & Cuatro** No service required.

**Astra** (FXC) No service required *however*

*Note:* During every repack of the parachute, FXC recommend a functional test on the ASTRA, using the Cutter-Test-Probe and the Portable Altitude Test Chamber.

### BPA recommendations regarding the above AADs:

The AAD next service date indicates the last day the unit can be used, including any grace period. If the service date is entered, then the grace period must be clearly shown e.g. 10/19 + 6 months.

Where there is no service required then the end of life should be recorded.

**Cypres 2 (2016)** 12.5 years.

**Cypres 2** post 2017 15.5 years.

**Vigil** 20 years.

**MarS m2** 15.5 years (but indicate whether annual inspection was done).

### Battery replacement requirements of AAD manufacturers:

**Vigil** (pre Oct 2018) the battery must be replaced, at the factory, when the unit indicates low battery, or Mandatory at 10 years.

**Vigil Cuatro** since Oct 2018 replace at factory between 8 and 12 years.

**ASTRA** The battery must be replaced when the unit indicates a weak battery, expected at 500 operations or 5 years whichever came first.

**Cypres** and **MarS m2** batteries expected to last the lifetime of the unit.

### BPA recommendations regarding the above AADs:

**Cypres** and **MarS m2** enter NA

**Vigil** date of manufacture before Oct 2018 ; enter date 10 years after last recorded battery change.

**Vigil** date of manufacture after Oct 2018 ; enter date “Bat Rpl before” shown on unit label.

**ASTRA** The battery next replacement date must be 5 years since last replacement.