

# Weight and Balance Data - Current Operating Data

Aircraft Type: \_\_\_\_\_ Mk: \_\_\_\_\_ Serial No: \_\_\_\_\_

Date (a)	Current Role Fit (b)	Current Operating Weight	Current Operating Longitudinal Moment	Current Operating Lat/Vert Moment	Current Operating CG Position		
		Units * ..... (c)	Units * ..... (d)	Units * ..... (e)	Long Units * ..... (f)	Lat/Vert Units * ..... (g)	% MAC (h)

\* Enter units of measurement for the Aircraft type (these can be obtained from the AMM).

# Instructions for Use

## Weight and Balance Data - Current Operating Data - MOD Form 702CA(RAFAT)

1. The MOD Form 702CA(RAFAT) is for use in the Aircraft Maintenance Form (MOD Form 700C) to record the Current Operating Weight. It is kept in **Section 4** opposite the current Flight Servicing Certificate (MOD Form 705(Hawk)), making immediately available to the pilot, the Current Operating Weight of the Aircraft.
2. Completed forms are to be destroyed when a new form is raised.
3. The use of this form is optional, the use to be determined by the IPT or EA.

### Notes:

1. It is the responsibility of the Maintenance personnel to present the Current Operating Weight to the Aircrew.
2. It is the responsibility of the Aircrew to add Crew, Crew's baggage, expendable load, payload, and fuel to the Current Operating Weight to arrive at the All-Up Weight at take-off.
3. The **Table** below is to be used as a guide when filling out the MOD Form 702CA(RAFAT) with frequently added and removed items that are used to support RAFAT flying ops which affect the Current Operating Weight of the Aircraft.

Date (a)	Current Role Fit (b)		Current Operating Weight Units * kg (c)	Current Operating Longitudinal Moment Units * ..... (d)	Current Operating Lat/Vert Moment Units * ..... (e)	Current Operating CG Position		
						Long Units * ..... (f)	Lat/Vert Units * ..... (g)	% MAC (h)
	Ground Locks	(+4kg)						
	Pre Mod Smoke Pod	(+99.9kg)						
	Post Mod Smoke Pod	(+99.1kg)						
	Standard Pannier	(+34kg)						
	Tools Pannier	(+34kg)						
	Wheel Pannier	(+49kg)						
	Pre Mod Baggage Pod	(+45.4kg)						
	Post Mod Baggage Pod	(+45.8kg)						
	Pre Mod (Baggage in Pod)	(+12kg)						
	Post Mod Baggage in Pod (FWD Compartment)	(+20kg)						
	Post Mod Baggage in Pod (AFT Compartment)	(+11kg)						