



TRINIDAD AND TOBAGO CIVIL AVIATION AUTHORITY

MASS AND BALANCE REPORT

MASS CONTROL CERTIFICATE

Date issued *Date/time of first flight UTC

* IMPORTANT: This date/time must be later than the date of issue

Aircraft Mass and Centre of Gravity Determination

No.

Date

Aircraft Registration

Aircraft Type

Aircraft Serial Number

Name of Operator

Place of Determination of Mass

Reason for Determination of Mass

Performed by:
Checked by:

Empty Mass
Empty CG from datum line
Index

Approved by:

.
(Authorized Personnel)



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MASS CONTROL CALCULATION

Empty mass lever arms

Aircraft type

Registration

Reaction (wheel, jack, point, etc.)	Average scale reading (kg)	ARM (cm)	Moment (cm-kg)
Left main gear			
Right main gear			
Sub-total			
Nose/tail gear			
Total (as measured)			

Items included in empty mass:

1.
2.
3.
4.
5.

Remarks:



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MASS CONTROL CALCULATION

Aircraft Mass and CG determination

COLUMN I			
Items included but not part of empty mass	Mass (kg)	ARM (cm)	Moment (cm-kg)
TOTAL			

COLUMN II			
Basic items not included when determining mass	Mass (kg)	ARM (cm)	Moment (cm-kg)
TOTAL			

Aircraft Mass Record

Description	Net mass (kg)	ARM (cm)	Moment (cm-kg)
Total (as measured)			
Less total mass from Column I			
Plus total mass from Column II			
Net empty mass			

CG limitation:

forward cm	}	from reference line
aft cm		

Index formula:

INDEX: