

D. O. S
26th, April 1962

Mngr.....	Sec.....	Supply Sales
Sec.....	Eng. A/D.....	
Asst. Sec.....	Pers. Supt.....	
Ch. Acct.	3 - MAY 1962	
Stores.....		
Ansd.....	Init.....	

FR 6/34

AUSTRALIAN MISSION
S.N.E.C.M.A
70, bld Kellermann

PARIS 13e
France

COMMONWEALTH AIRCRAFT CORPORATION PTY.LTD.
BOX 779 H P.O.
Elizabeth st.

MELBOURNE
Australia

Attention : the MANAGER.

Subject : Magnesium alloy castings in GA 9 material.

Dear Sir,

Receipt is acknowledged of your letter M 242 on the above subject, and giving comments on our letter P 483, where in a recommendation was made, with SNECMA's approval, that C.A.C use ZREI alloy in lieu of GA 9 alloy.

Comments in section (b) of letter M 242, under the heading of material and comparing the properties of CA 292 with GA 9 alloy, are being passed to SNECMA for information, and no further action is being taken at this stage. Letter M 242 has not indicated whether C.A.C intend to use ZREI or CA 292.

In regard to comments in section (a) of letter M 242, it is confirmed that the furnace atmosphere that SNECMA use for the heat treatment of GA 9 alloy is CO₂ (carbon dioxide) and not SO₂. As it is unlikely that C.A.C will be adopting this form of furnace atmosphere heat treatment, no detailed information is being obtained. For information, a SO₂ gas cylinder does form part of the furnace equipment, but is only brought into operation by an automatic safety control device in the event of a fire in the furnace.

CIRCULATION / COPIES / 1 / 0	
E.F. MNGR	FCT. ADM. SUPT.
DSGN. ENGR	MC. SHOP. SUPT.
DEV. ENGR	PRODUCN. SUPT.
SERV. ENGR	ASS'LY. SUPT.
QUAL. ENGR	FOUNDRY SUPT.
PROD. ENGR	METLCL. SUPT.
MATL. ENGR	PROCESS SUPT.
CH. TL. DSGR	TOOL. PROD. SUPT.
CH. INSP. E. F.	TOOL. ROOM. SUPT.
A/F MANAGER	SUPT. INSPECTION

Yours faithfully,

G.H. Foster

G.H. FOSTER

Elko to reply
6/8

NOTED
CNPS