

16th, May 1962

Mngr.....	Eng. Supt.....
Sec.....	A/F Mngr.....
Asst. Sec.....	Ch. Eng. A/D.....
Ch.....	Pers. Supt.....
Acct.....	Supply Sales
23 MAY 1962	
Stored.....	
Ansd.....	

FR
7/27

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 : Hardness testing of blades.

Dear Sir,

The SNECMA operation sheets call up the hardness testing of blades by the use of the Vickers machine. As it was thought that the one Vickers machine in use by C.A.C Inspection Dept. would be overloaded if this was observed a query was addressed to the Inspection Dept. requesting their consideration of the use of Rockwell machines.

Their reply is attached and it will be seen that they do not approve the use of Rockwell machines.

It is thought therefore that it may be necessary to purchase another Vickers machine if the output of blades is great enough and if there is not another machine available elsewhere in C.A.C or from Department of supply stocks.

Would you please give this matter your consideration and advise accordingly.

CIRCULATION / COPIES / / 6	
E.F. MNGR	FCT. ADM. SUPT.
DSGN. ENGR ✓	MC. SHOP. SUPT.
DEV. ENGR ✓	PRODUCN. SUPT.
SERV. ENGR	ASSEMBLY SUPT.
QUAL. ENGR	FOUNDRY SUPT.
PROD. ENGR	METCAL. 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,



D.M. CARROLL



Attachment
PS. 549
SNECMA

NOTE INTÉRIEURE

RECEIVED

No KL/6400

23 MAY 1962

Kellermann

ÉMETTEUR

KL

DESTINATAIRE

AUSTRALIAN MISSION

DATE

3rd, April 62

OBJET : HARDNESS CHECKING OF BLADES.

Attention : Mr. G.H. FOSTER

Dear Sir,

In answer to your memo reference PF/SG dated 19th, March 62, please find hereunder translation of our Inspection Management reply.

1) We would like to underline first that specifications and operation sheets in use at SNECMA call for hardness checks to be made by the BRINELL method or the VICKERS method, according to the particular case considered.

2) The ROCKWELL method for hardness checking is not well adapted to the inspection of parts the hardness of which is low or medium such as the ATAR 09C blades.

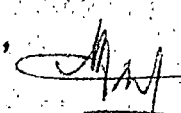
The accuracy of this test in this particular case is inferior to the accuracy of the BRINELL or VICKERS tests.

3) We consider, therefore, that the checking methods specified in our documents must be maintained : BRINELL or VICKERS as the case may be, the VICKERS method however could replace the BRINELL one recommended on rough part or in course of machining.

Signed : M. RICHER

Inspection Manager.

Yours faithfully,



M. FABRE Licence Engineer

Copy : CD

KL