

ACC

10000/135/144

10000/135/144

AIRCRAFT ARMAMENT, POLICY
MAY, JUNE 1946

M1

AOC.

The request to fit British Cannon came from the I.A.F. based on a desire for standardization and because of the difficulties in obtaining American ammunition.

The Thompson which that the modification will be practical and will wait its development.

DAF command has been asked for their views.

Ref command
21/5/46.

2.

S.S.O.

Ref Div 1 & 3A, I'm open minded. Suggest

tho S.E.O.
& C.T.O.

you write I.A.F. on the basis of 3A & ask them

to make their decision & let us know what they will do.

S.E.O. should give a line on the supply of guns & SAA (see 2A para 2(c))

G/C.

JWB

Div

3.

S.S.O.

1842

Tho C.T.O. Reference para 2.

As soon as the IAF say what their requirement of guns is I can get them. I am going to AFHQ tomorrow and will endeavour to get sufficient numbers to be frozen pending IAF decision.

DAF announced have been asked for their views.

21/5/66.

2.

SSO.

Ref Dir 1 & 3A, I'm often minded. Suggest you write I.A.D. on the basis of 3A & ask them to make their decision & let us know what they will do.

S.E.O. should give a line on the supply of guns & SAA (see 2A para 2(c))

6/6.

JWS

Dir

3.

SSO

1842

Two C.O. Reference minute 2.

As soon as the DAF say what their requirement of guns is I can get them. I am going to ADP tomorrow and will endeavour to get sufficient number to be frozen pending DAF decision.

There is no S.A.A. available. All stocks are being held as a backing for DAF. When DAF pull out we should be able to obtain these stocks.

11. 6. 66.

D. Walker sec.

4AIR IIRef Min 1-2-3

Will you find out the I.A.M. requirement of 20mm Cannon for this P. 38:

They will have two squadrons of these aircraft with a good working reserve.

Let me know if you have any difficulty in obtaining reasonable figures.

Ask also for their estimate of ammunition for a six month consumption period.

W. J. J. J.
1716

MEMORANDUM

50 P38 1 line aircraft.
 1 Cannons 20 122 (Normal American Equipment).
 4 .5 machine guns

18 are complete with leaves - 32 to be equipped

32 x 1 = 32 cannons

32 x 4 = 128 .5. M.G.

Reserve 20% of overall equipment i.e. 50 aircraft

is 10 cannons

& 40 .5 M.G.

Totals required 32 + 10 = 42 (cannons)

128 + 40 = 168 (.5 M.G.)

Ammunition ?

Thank you.

DM

20th June 1946.

1104

4A

From: Air Forces Sub Commission, A. C., Rome
To : Italian Air Ministry, Rome
Date: 15th June, 1946
Ref : AFSC/58/AIR.

ARMAMENT FOR P.38 AIRCRAFT.

Further to conversations between Col. CIGERZA and representatives of the Air Forces Sub-Commission on the above subject, the following points are brought to your attention.

2. (a) The 3 x 20 mm Hispano guns will give a greater fire power with better performance at long ranges, especially against thinly armoured vehicles.

(b) Also, there is the advantage in this case of the whole aircraft armament being of the same type.

3. In favour of the 1 x 20 mm. Hispano and 4 x 50 Browning guns, it may be said that it would probably be a much easier job to re-fit the aircraft to take the armament for which it was originally designed, rather than to fit an entirely new installation. It is considered that on the whole the original installation is preferable.

4. If the 3 x 20 mm. Hispano gun installation is adopted, care should be taken to ensure that the aircraft C of G is not displaced beyond the limits laid down for the Lightning.

H. Thompson
H. THOMPSON WG/CDR.
AIR VICE MARSHAL,
DIRECTOR,
AIR FORCES SUB COMMISSION.

W. J. 17/6.

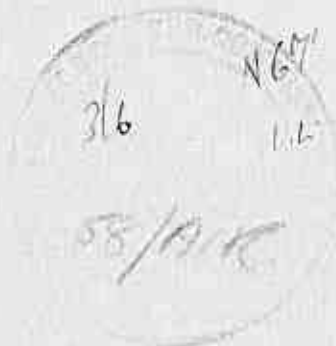
FROM :- Headquarters Desert Air Force. 83A
TO :- Air Forces Sub Commission, (Allies Commission) ROME.
DATE :- 30th May, 1946.
REF :- HQDAF/7612/A.M.

Armament for P.38
Aircraft.

1A

Reference is made to your letter AFSC/58/AIR dated 21st May, 1946.

2. There are points in favour of both armament lay - outs.
 - (a) The 3 x 20 mm Hispano guns will give a greater fire power with better performance at long ranges, especially against thinly armoured vehicles.
 - (b) Also, there is the advantage in this case of the whole aircraft armament being of the same type.
3. In favour of the 1 x 20 mm. Hispano and 4 x 50 Browning guns, it may be said that it would probably be a much easier job to re-fit the aircraft to take the armament for which it was originally designed, rather than to fit an entirely new installation. It is considered that on the whole the original installation is preferable.
4. If the 3 x 20 mm. Hispano gun installation is adopted, care should be taken to ensure that the aircraft C of G is not displaced beyond the limits laid down for the lightning.



Squadron Leader,,
for Air Commodore.,
Air Officer Commanding.,
DESERT AIR FORCE.

1038

2A

From : Air Forces Sub Commission, A.C., Rome.
To : Italian Air Ministry.
Date : 21st May, 1946.
Ref : AFSC/58/Air.

ARMAMENT FOR P.38 AIRCRAFT

Referring to conversation between Colonel Gasperi and Group Captain Jarman it is confirmed that permission is given to modify one P.38 aircraft with three (3) 20mm. British cannon in the nose in place of the normal equipment of one (1) cannon and four (4) 0.5" machine guns.

2. Overall permission to modify all the P.38 aircraft will depend upon :

- (a) D.A.F.'s report on the effectiveness of the proposed armament.
- (b) Any engineering difficulties taking into consideration the storage of ammunition and the possibility of an alteration to the centre of gravity of the aircraft.
- (c) Whether the cannons and ammunition necessary will be available from British sources.

3. A report should be rendered to this Headquarters when the modification is complete and has been tested.


L.E. JARMAN, G/C,
for Air Vice-Marshal,
Director,
Air Forces Sub Commission.

FILE

1837

1107

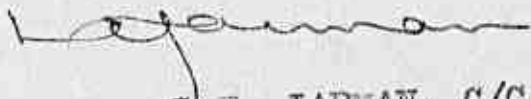
1A

From : Air Forces Sub Commission, A.C., Rome.
To : Headquarters D.A.F.
(for attention of Chief Armament Officer).
Date : 21st May, 1946.
Ref : AFSC/58/Air.

ARMAMENT FOR P.38 ("LIGHTNING") AIRCRAFT.
ITALIAN AIR FORCE.

The Italian Air Force has been issued with American "Lightning" aircraft mainly fitted for photography.

2. They propose to use these as day fighters and for ground strafing and to do so they must modify and stress the nose of the aircraft to take the guns.
3. To standardise their armament as much as possible they have asked to fit three (3) British 20mm. cannons instead of the normal American equipment of one (1) 20mm. cannon and four (4) 0.5" machine guns.
4. Would you, from your knowledge of fighter requirements give your views on this change of lay-out, whether it is to be preferred from the point of fire power, and accuracy and whether you would recommend it.


for E.E. JARMAN, G/C,
Air Vice-Marshal,
Director,
Air Forces Sub Commission.

FILE

1836

0800

36-2AE

MINISTERO DELLE CORPORAZIONI

SERVIZI DELL'INDUSTRIA

DIV.

SEZ.

36-2AE
0800

Loc. Ind. Industria e Commercio Agrario

D. A. Brighetti Gio-Mare

aumento di capitale

36-2 AL
Q30

Se. In. Industria e Commercio Agraria

D. H. Brighetti Gio-Maria

avvenimento di capitale

Q30

