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Acting Chief, Plans and Support Staff, D/M

6 June 1963

Chief,

Aircraft Systems Branch Contribution for S-1019

CIA HISTORICAL REVIEW PROGRAM  
RELEASE AS SANITIZED

Fighter Acceleration

Assumption's and Mobilization Date

1999

Currently four fighter models, the Fishbed C and D, the Fishpot, the Fitter, and the Fiddler are estimated to be in series production in the USSR.\* These are the only supersonic fighters in production in the USSR ... all can operate at speeds from Mach 1 to Mach 2.

Only those plants currently manufacturing are involved, as the flow time for the fighters precludes production at a new facility in less than 15 months. In accelerating production of fighter aircraft the number of shifts was increased from one to three and a considerably larger labor force was utilized. When an aircraft is already in production at the time an acceleration project is approved, the acceleration can be initiated immediately on the existing tooling. The rate of production acceleration to be attained depends primarily upon:

- a. The production capacity of existing tooling, jigs, assembly fixtures, production equipment, etc.
- b. The amount of material in process.
- c. The amount of material in storage, in transit, or available from other sources.
- d. The availability of manpower.

\* Two additional types, the Flashlight D and the Firebar A have been given fighter designations; neither, however, have been noted in fighter roles.

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~~GROUP 1  
Excluded from automatic  
downgrading and  
declassification~~

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Mobilization of Fighter Aircraft Production

A comparison of cumulative production on 31 December 1963, projected production at current rates 31 December 1964, estimated production 31 December 1964 after mobilization, and the mobilization gain.

<u>Aircraft</u>	<u>Production 31 Dec 63</u>	<u>Production Without Mobilization 31 Dec 64</u>	<u>Production With Mobilization 31 Dec 64</u>	<u>Mobilization Gain</u>
Fitter	840	1,080	1,300	220
Fishbed C,D,E	1,100	1,500	2,000	500
Fishpot	990	1,130	1,500	370
Flicker	30	45	180	95
Flashlight B	280	340	530	190
Firebar A	420	540	760	220
				<u>1,595</u>

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Supplementary Data for

Briefing Aid 10

1. Using the same assumptions as were made with bomber aircraft, production of fighter aircraft also was accelerated. The aircraft involved are the Fishbed C, D, and E, the Fitter, the Fishpot, and the Fiddler. Although included in this estimate as fighter types because of codenames, no air defense role is estimated for the Firebar A and the Flashlight D. These are the only supersonic fighters in series production in the USSR -- all can operate at speeds from Mach 1 to Mach 2.

2. Only those plants currently manufacturing are involved, as the flow time for the fighters precludes production at a new facility within twelve months.

3. Buildup programs for all of the fighter types are relatively steep; the buildup of both the Fishbed and the Fiddler is particularly rapid.

4. The Fishbed is estimated in production at two facilities. The second source plant entered production in 1962 and has not reached an estimated peak rate of production but will have done so by the end of 1963. With two producing facilities for the aircraft, a steep buildup obtains.

5. The estimated buildup for the Fiddler is also notably steep. The aircraft is believed to have entered series production but is estimated at a low rate pending completion of testing. It is assumed that the design would be frozen and that production would buildup rapidly under the mobilization conditions.

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