

Exhibitor No:

**FOR IN FLIGHT:**  **OR STATIC:**  **DISPLAY**

Show No 98

**Attention: Requested information will be used by the official Airshow speakers**

As well as providing information for the press office, this document will be used as a basis for the official commentaries. Exhibitors should therefore indicate the technical data and commercial information requested, as well as any other information they would like to transmit to the public during the flight program.

<b>MANUFACTURER:</b>	NORTH AMERICAN		
<b>AIRCRAFT TYPE AND NAME:</b>	F-86A Sabre		
<b>CATEGORY:</b>	Fighter-Bomber		
<b>COUNTRY:</b>			
<b>FIRST FLIGHT:</b>			<b>DISPLAY CREW:</b>
<b>Date:</b> 01/10/1947 <b>Location:</b>			Mark Linney (Ex RAF Tornado - Hawk - Harrier)
<b>Crew:</b>			Cpt A340 > 10 000 hv
<b>ENGINE(S):</b>			
<b>Number:</b>	1	<b>Type:</b>	J47
<b>Manufacturer:</b>	GENERAL ELECTRIC		
<b>Take off rating (Dry):</b>	5 450 lb	<b>With reheat:</b>	
<b>Propeller(s):</b>			
<b>TECHNICAL DATA:</b>			<b>COMMERCIAL INFORMATION:</b>
<b>Empty weight:</b>	10 854 lb		<b>Prototypes (or pre-prod):</b>
<b>Max take off weight:</b>	15 800 lb		<b>Firm orders:</b>
<b>Max cruise speed:</b>	480 kts		<b>Options:</b>
<b>Max operating speed:</b>	579 kts		<b>Deliveries:</b>
<b>Stall speed:</b>	110 kts		<b>Production rate:</b>
<b>Max endurance:</b>	02:00		<b>Number of clients:</b> 38
<b>Max range:</b>	600 NM		<b>Contact during the show:</b>
<b>ACCOMMODATION:</b>			<b>WEAPONS</b>
<b>Accommodation:</b>			6 x 0.50in machine guns in the nose
Single seater			2 000lb bombs ore rockets under wing
The only F-86A flying in the world			
The oldest jet aircraft still flying			
<b>Max payload:</b>	454 lb		
<b>MISCELLANEOUS:</b>			
<p>The most produced Western combat aircraft of the post war era, the Sabre was the first swept wing fighter to enter production and service with the USAF, its design benefiting from captured German data. Features included slatted wings swept at 35°, a nose intake, swept tail surfaces, conventional elevators on the early models, and a pressurized cockpit. Sabres flew with 150 USAF first line squadrons and 57 Air national Guard units between 1948 and 1970. Service entry was in February 1949, and in december 1950, the first Sabres were deployed to Korea to counter the MiG 15.</p> <p>Look at that smoke ! If you think this is bad, you should have seen the B-47 Stratojet which had six of these engines ! By contrast, the MiG 15 had a close copy of the Rolls Royce Nene engine which did not smoke at all, which is why American fighter pilots in Korea used to say : If it smokes, it's friendly. The first combat between the two adversaries took place on December the 17th, Lt-Col Bruce Hinton of the 4th FIW downing the first of 792 MiG-15s claimed by Sabre pilots during the conflict.</p> <p>This particular aircraft was built in 1948 ; it was the 50th production Sabre, and entered squadron service with the 94th Fighter Squadron at March AFB in California on 14th April 1949. Although this aircraft is shown in typical Korean war markings, it did not serve outside the USA. Its mission was the air defence of the Los Alamos nuclear research plan and also the North American factory. Operated initially by the Old Flying Machine Company, it moved to the Aircraft Restoration Company in Duxford.</p>			