
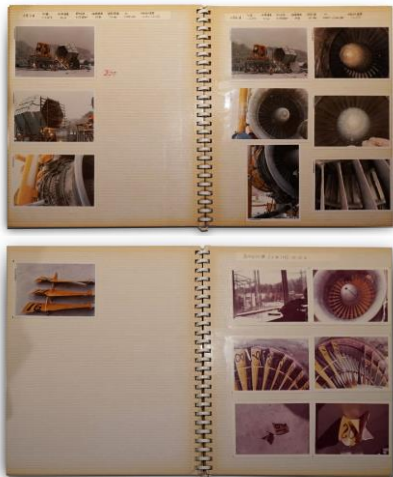


Japan's first high bypass ratio turbofan engine

Registration No.	Number 00339		
Registration Date	September 13, 2022	Registration Category	Category 2 (single or produced in very small quantities product(s))

Name (Model, etc.)	FJR710 / 20 Turbofan Engine and Environmental Resistance Test Photo Collection		
Location	Akishima-shi, Tokyo		
	IHI Aerospace Museum		
Owner (Custodian)	IHI Corporation		
Manufacturer (Company)	Ishikawajima-Harima Heavy Industries Co.,Ltd.(now IHI Corporation), Kawasaki Heavy Industries, Ltd., Mitsubishi Heavy Industries, Ltd.		
Year Manufactured	1973		
Year first appeared	Unknown		
Reason For Selection	<p>The actual FJR710 / 20 turbofan engine for domestic commercial aircraft, and a collection of photographs of the FJR710 / 20 and FJR710 / 600s during environmental tests. The FJR710 was developed and manufactured by three private companies led by Ishikawajima-Harima Heavy Industries (now IHI) as a large-scale project of the Ministry of International Trade and Industry. The technical achievements were utilized in the development of the STOL experimental aircraft Asuka of the National Aerospace Laboratory (NAL) (now JAXA) of Japan equipped with the FJR710 / 600s, the RJ500 jointly developed by Japan and the UK, and the V2500 jointly developed by five countries led by Japan. It is significant for showing that Japan's jet engine technology for commercial aircraft at that time was at a high level in international comparison.</p>		
Registration Standard	1-A (Show an important aspect or stage of the development of science and technology.)		

Open/Closed to Public	Closed to Public		
Photo			
	FJR710 / 20 Turbofan Engine	Environmental Resistance Test Photo Collection	
Other useful information			