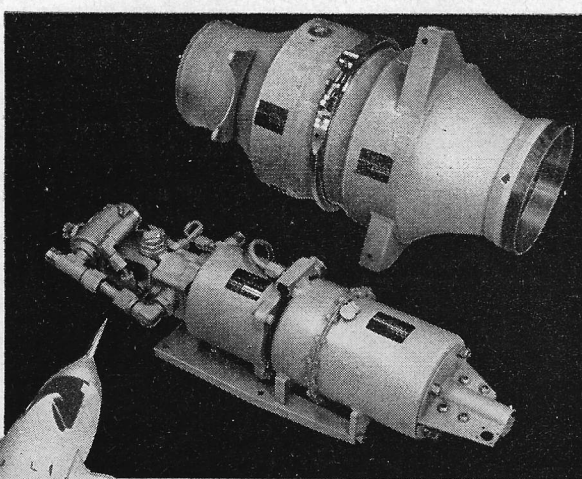


UAP COOLS

THE BRAIN THAT
GUIDES THE **ARROW**



DESIGN PERFORMANCE CHARACTERISTICS
OF U-520878-1 HYDRAULIC
AND ELECTRONIC COOLING SYSTEM

Components: Pump and Accessories Unit (Reservoir
Pressure Relief Valve, Thermal Bypass Valve)
23" x 6" x 6", wet wt. 17.5 lbs., pump motor
power 208 v.a.c., 3-phase, 4 wire, 400 cycle.
Heat Exchangers, 20" x 9.5" dia., wet wt. 11.5 lbs.
Max. Heat Loads: 2500 watts (Hydraulic)
5150 watts (Electronic)
Required Air Flow: only 75 lbs./min.
Max. Pressure Drop: 6" H₂O at 122 lbs./min.
Operative Altitude Range: to 70,000 ft.

Canada's Avro CF-105 Arrow, an all-weather, day-and-night jet fighter, is designed for supersonic missions. Armed with air-to-air missiles, its role will be long-range interception in the North American Defense Command.

The Arrow's electronic system, which combines automatic flight, weapon fire control, communication and navigation functions, is specially designed by RCA in the U.S. A vital component in this electronic brain is UAP's Hydraulic and Electronic Cooling System.

At Arrow's supersonic speeds, on the threshold of the "Thermal Thicket," this UAP designed-and-developed cooling system maintains safe operating temperature for Arrow's electronic equipment.

Get complete information on UAP electronic cooling systems... or submit your application problem today for UAP design study! Call the nearest UAP Contractual Engineering Office: Burbank, California VI 9-4236; New York, N. Y. MU-7-1283; Dayton, Ohio BA-4-3841; Montreal, Canada Elwood 4131.

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