

# AI-322F

## TURBOFAN AERO ENGINE WITH AFTERBURNER

### MAIN SPECIFICATIONS



Application:



Main advantages:

- The turbine compressor section of the engine is completely unified with the AI-322 turbofan.
- The accessories and systems ensuring the afterburner operation and adjustment of the exhaust nozzle are additionally installed in this engine.
- If necessary, engine versions with afterburners ensuring a maximum takeoff thrust up to 4500...5000 kgf can be developed.

The AI-322F engine version with afterburner, which features a thrust of 4200 kgf at full afterburning, is currently under development as based on the AI-322 engine. This engine is designed to power trainers and combat trainers with a maximum speed of M up to 1.6...2.0 in flight.



Fan diameter, mm  
**624**



Full augmented power, kgf  
(S/L static, ISA)  
**4200**



SFC, kg/h/kgf  
**1.9**



Maximum power, kgf  
(S/L static, ISA)  
**2500**



SFC, kg/h/kgf  
**0.64**



Weight, dry, kg  
**560**

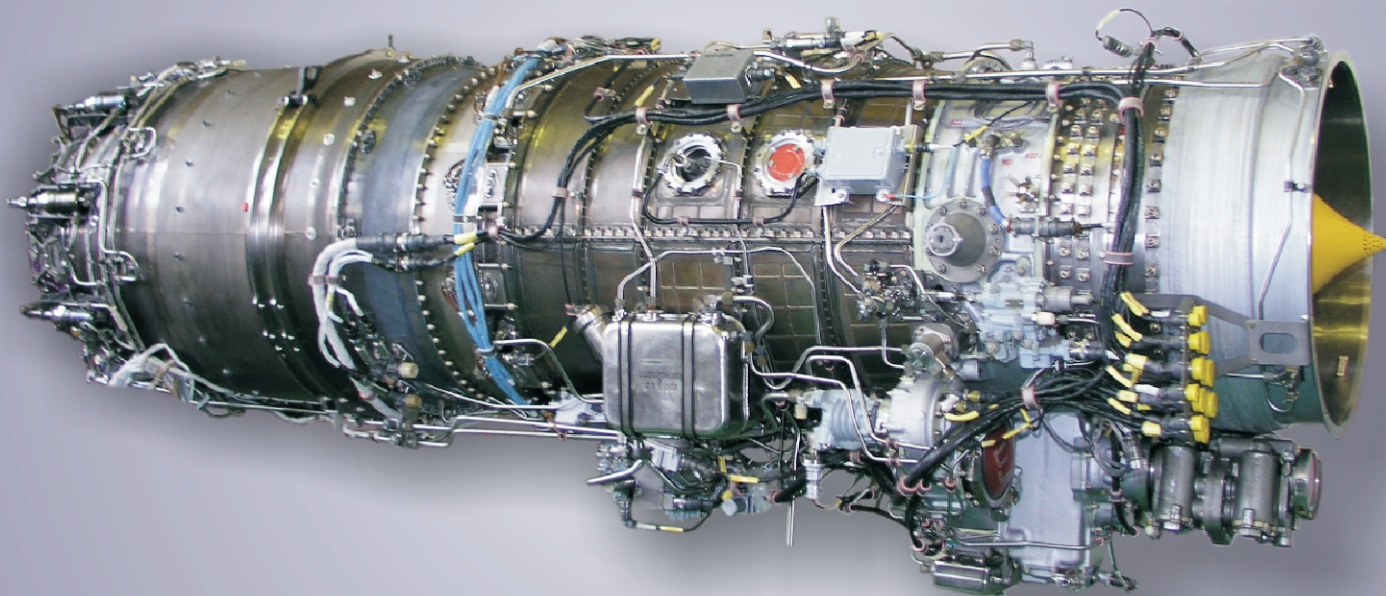
Designer:  
SE "IVCHENKO-PROGRESS"  
2, Ivanova Str., Zaporozhye, 69068, Ukraine  
Tel.: +38 0(612) 65-03-27  
Fax: +38 0(612) 12-89-22, 65-46-97  
progress@ivchenko-progress.com  
www.ivchenko-progress.com

 **IVCHENKO  
PROGRESS**

  
**UKROBORONPROM**  
Ukrainian Defence Industry

"UKROBORONPROM"  
36, Dehtiarivska str.,  
Kyiv, 04119, Ukraine  
tel.: +38044-458-46-81  
fax: +38044-586-24-77  
kanc@ukroboronprom.com  
www.ukroboronprom.com  
Press Office: tel.: +38044-586-24-72  
pr@ukroboronprom.com





# AI-322F

TURBOFAN AERO ENGINE  
WITH AFTERBURNER

  
**UKROBORONPROM**  
Ukrainian Defence Industry

 **IVCHENKO<sup>®</sup>**  
**PROGRESS<sup>®</sup>**