

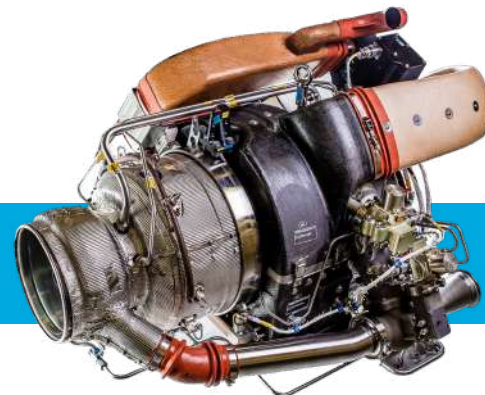


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PRATT & WHITNEY APS3200 FAST FACTS | 2022

PRATT & WHITNEY

APS3200 AUXILIARY POWER UNIT



PRATT & WHITNEY CANADA

P&WC is an industry leader in the design, manufacture and maintenance of auxiliary power units (APUs), a position built from its foundation as a major supplier of gas turbine engines for a host of turboprop, turbofan and turboshaft aircraft.

P&WC APS3200: AIRBUS BASELINE APU FOR A320

Pratt & Whitney Canada's APS3200 is the Airbus baseline APU for the Airbus A320neo and A320ceo families of aircraft. The APS3200 provides ample auxiliary power for all cabin conditioning and main engine starting needs. It is designed to meet performance and environmental requirements for modern day, single-aisle aircraft. The APS3200 has lower emissions compared to other APUs in this category.



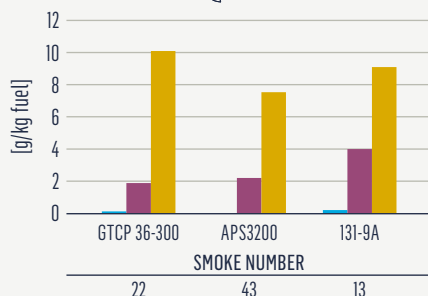
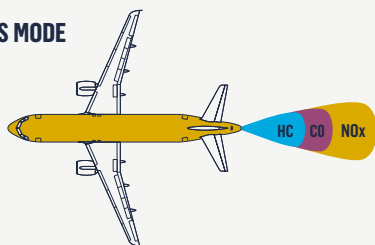
APS3200 FLEET DATA

CATEGORY	WORLDWIDE FLEET (AS OF DECEMBER, 2021)
NUMBER OF ACTIVE APS3200 OPERATORS	179
NUMBER OF ACTIVE APS3200	1,861
NUMBER OF INSTALLED APS3200	2,404
TOTAL ACCUMULATED APU OPERATING HOURS	55,305,602
TOTAL ACCUMULATED APU OPERATING CYCLES	71,036,146

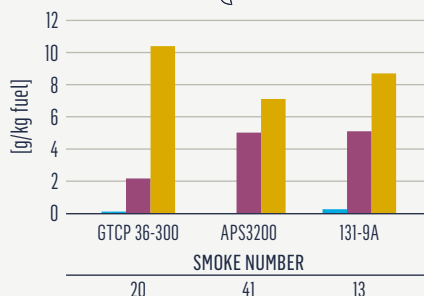
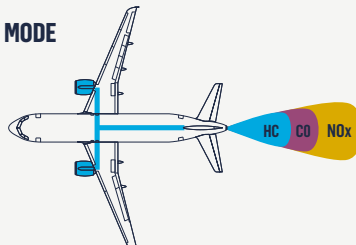
ENVIRONMENTAL APU EMISSION DATA

Average, ISA, SEA LEVEL ■ HC = Hydrocarbons ■ CO = Carbon Monoxide ■ NOx = Nitrogen Oxide

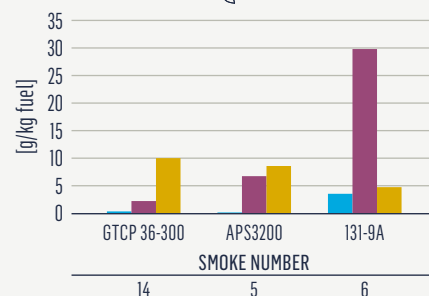
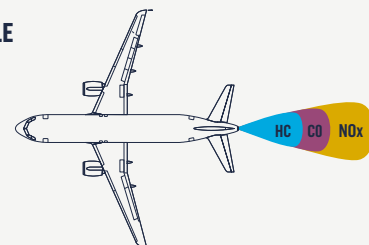
APU-ECS MODE



APU-MES MODE



APU-IDLE





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TECHNICAL FACTS

WEIGHT	136 KG (299 LBS) (DRY)	BACK UP OVERSPEED (SHUTDOWN)	107% (52,751 RPM)
OPERATING ALTITUDE	304.8 M TO 11,887 M (2,000 FT TO 41,000 FT)	ROTOR UNDERSPEED (SHUTDOWN)	95% (46,835 RPM)
SEA LEVEL	15°C (59°F) STD DAY PERFORMANCE	BLEED AIRFLOW	1.8 KG/SEC (2.6 LBS/SEC)
OUTPUT SHAFT HORSEPOWER	399.7 KW (536 HP)	BLEED AIR PRESSURE	290 KPAG (42 PSIG)
ROTOR SPEED	100% (49,300 RPM)	FUEL CONSUMPTION	148 KG/HR (178 L/HR) 327 LB/HR (47 GAL/HR)]
ROTOR OVERSPEED (SHUTDOWN)	105% (51,765 RPM)	ELECTRICAL POWER TO AIRCRAFT	90 KVA

YOUR MAINTENANCE AND COMMERCIAL SUPPORT PARTNER

Pratt & Whitney Canada offers a variety of maintenance plans and support services for your APS3200, including Pay-per-Hour plans, time and material plans, plus the ability to mix and match. We also work closely with you to determine how our P&WC SMART programs can help save you money and keep you flying P&WC dependable. For more information, contact your local P&WC sales representative or call the number at the bottom of this page.

SERVICE WHERE YOU NEED IT

Our APS3200 is supported by our global Customer Service Network, with real-time support from our 24/7/365 Customer First Centre. We have more than 100 Field Support Managers who assist with in-field issues.

SUPPORT NETWORK

COUNTRY	TYPE	NAME
Netherlands	ARF ¹	EPCOR BV
France	ARF	Revima
Portugal	ARF	TAP Portugal
Germany	ARF	Lufthansa Technik
Turkey	ARF	Turkish Technik
China	ARF	China Southern
Poland	SCN ²	Hamilton Sundstrand Poland Sp. z o.o (Pratt & Whitney AeroPower Rzeszow)
Singapore	SCN	P&WC (SEA) Pte. Ltd.

¹Approved Repair Facility ²P&WC Facility

A LEGACY OF EXPERIENCE AND RELIABILITY

Pratt & Whitney Canada has been designing, producing and servicing APUs for more than 50 years and our APU fleet has flown well in excess of 100 million hours. We were the first major APU supplier to be given responsibility for fully integrating our APUs with the overall airframe. Like all engines we produce, our APUs employ the latest in advanced manufacturing techniques, including the use of composites, and are 50% SAF compatible.