

WORLD TURBINE ENGINE DIRECTORY

Manufacturer	Engine	Power (kW)	sfc	length	diameter	Configuration	Application
			(lb/h,shp)				
Rolls-Royce/Snecma/MTU	Tyne Mk21/22	4,550	—	2.76	1/4	6+9/1+3	Dassault ATL.2, Transall C-160
SMPMC	WJ6A	3,393	—	3.096	0.84	—	Y-8
Lextron Lycoming	LTP101-600	462	0.55	0.91	0.53	—	Various
Turboméca	Arrius	315	—	0.82	0.47	1/1+1	Various
Zhuzhou	WJ9	507	—	—	—	2/2+1	Y-12
ZMKB Progress	A1-20D	3,800	—	3.10	0.84	10/3	Various

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TURBOSHAFTS

Manufacturer	Engine	Power (kW)	sfc (lb/h/shp)	Dimensions (m)		Configuration	Application
				length	diameter		
Allison	250-C20	313	0.65	0.98	0.48	7/2+2	Various
Allison	250-C28	375	0.606	1/2	0.55	1/2+2	Eurocopter Bo.105LS, Bell 206L1 Longranger
Allison	250-C30/T703	485	0.592	1.04	0.55	1/2+2	Various
Allison	T406-400	4,590	0.42	1.52	0.59	14/2+2	Bell Boeing V-22 Osprey
Changzhou	WZ6	1,145	—	—	—	1+1/2+1	CAF Z-8
General Electric	T700-401C and 701C	1,409	0.462	1.17	0.64	6/2+2	Various
General Electric	CT7-6	1,491	0.49	1.17	0.74	6/2+2	Bell 214ST, Sikorsky S-70, EH Industries EH101
General Electric	T64-419	3,541	0.474	2	0.5	14/2+2	Sikorsky CH-53-E, MH-53E, S-80M
General Electric	GLC38/T407	4,794.2	0.38	1.55	0.83	6/2+3	Boeing CH-47 Enhanced
Klimov	TV3-117V	1,660	0.57	2.08	0.64	10/2+2	Various
Klimov	TV7-117	1,870	—	2.14	0.88	6/2+2	Mi-38
LHTEC	T800-800	924	0.454	0.85	0.55	2/2+2	Boeing/Sikorsky RAH-66 Comanche
LHTEC	T800-801	1,079	0.464	0.85	0.55	2/2+2	Boeing/Sikorsky RAH-66 Comanche
MTR	MTR390	960	0.45	1.08	0.44	2/1+2	Eurocopter Tiger
Pratt & Whitney Canada	PW206A and B	477/422	0.543/0.559	0.91/1.04	0.5	1/1+1	MDC Explorer and Eurocopter B0108
Pratt & Whitney Canada	PT6B-35H	670.4	—	1.52	0.62	4/1+1	Aerospatiale Lama, Alouette III re-engine
Pratt & Whitney Canada	PT6B-36B	731.5	0.581	1.5	0.49	4/1+1	Sikorsky S-76B
Pratt & Whitney Canada	PT6T-3BE	1,342	0.600	1.67	1.1	2xPT6B	Agusta Bell 212HP, Bell 212, IPTN N412HP
Pratt & Whitney Canada	PT6T-6/6B	1,469	0.591	1.67	1.1	2xPT6B	Agusta AB212/HP, Sikorsky S-58T
WSK-PZL Rzeszow	GTD-350	300	0.805	1.39	0.52	8/1+2	PZL Mi-2 Hoplite
WSK-PZL Rzeszow	PZL-10W	660	0.575	1.88	0.74	7/2+1	PZL W-3 Sokol
RKBM/Rybink	TVD-1500	970	0.374	1.25	0.76	4/2+2	Kamov Ka-62
Rolls-Royce	Gem 42	834	0.65 (FD)	1.1	0.57	5/1+1+2	Westland Lynx W30
Rolls-Royce	Gem 60	1,002	0.61	1.1	0.57	5/1+1+2	Westland Lynx
Rolls-Royce	Gem 2 Mk1004	703	—	1.1	0.57	5/1+1+2	Agusta A129
Rolls-Royce	Gnome 1400	1,237	0.608	1.39	0.56	10/2+1	Westland Sea King
Rolls-Royce Turboméca	RTM 322	1,722	0.45	1.17	0.64	4/2+2	EH Industries EH101
Textron Lycoming	LTS101-750C	510	0.577	0.79	0.57	2/1+1	Bell 222B/UT
Textron Lycoming	T53-703/T5317A	1,110	0.6	1.21	0.47	6/2+2	Bell AH-15
Textron Lycoming	T55-712	2,800	0.53	1.18	0.61	8/2+2	Boeing CH-47D, MH-47E
Turboméca	Arriel 1C1	520	0.573	1.09	0.42	2/2+1	Aerospatiale As365N, Agusta A109K, Sikorsky S-76
Turboméca	TM333-2B	745	0.529	1.05	0.45	3/1+1	Hindustan Aeronautics ALH
Turboméca	Makilia 1A1	1,400	—	1.4	0.51	4/2+2	Aerospatiale AS332
ZMKB Progress	D-136	8,493	0.656	2.715	—	7+1+1	Mi-26 Halo

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