



Emission surcharge on landing charges - Emission Value for turboshaft and piston engines
Emissionabhängige Landegebühren - Emissionswerte der Wellen- und Kolben-Triebwerke
Taxes d'atterrissage basées sur les émissions gazeuses - Valeurs d'émission des turbomoteurs

Piston Engines

Status: August 2025

Code	Manufacturer	Engine	Power [hp]	Remarks	Engine Emission Value
PF14	Austro Engine	AE300	170	FOCA data	0.1
PF15	Teledyne/Continental	CD-300	300	FOCA data	0.1
PF13	Thielert Aircraft	Centurion 4.0	310	FOCA data	0.2
E001	diverse	Electric Engine			0
P111	Textron Lycoming	IO-320-DIAD	160		0.2
PF03	Textron Lycoming	IO-360-A1B6	200	FOCA data	0.2
P112	Textron Lycoming	IO-360-B	180	Replaced by PF03	0.2
PF12	Textron Lycoming	IO-540-T4A5D	260	FOCA data	0.4
PF01	Teledyne/Continental	IO-550-B	300	FOCA data	0.4
P011	Teledyne/Continental	O-200	100		0.2
P012	Textron Lycoming	O-320	150	Replaced by PF08	0.2
PF08	Textron Lycoming	O-320-E2A	150	FOCA data	0.2
PF02	Textron Lycoming	O-360-A3A	180	FOCA data	0.2
PF11	Textron Lycoming	O-540-J3C5D	235	FOCA data	0.4
P004	diverse	Prop>500hp	1200	piston over 500 PS	0.5
P001	diverse	Prop-200hp	150	piston up to 200 PS	0.2
P002	diverse	Prop-300hp	225	piston 201-300 PS	0.4
P003	diverse	Prop-500hp	350	piston 301-500 PS	0.4
PF09	Rotax	Rotax 582 DCDI	64	FOCA data	0.2
PF06	Rotax	Rotax 912	80	FOCA data	0.1
PF05	Rotax	Rotax 912S	100	FOCA data	0.1
PF04	Rotax	Rotax 914	114	FOCA data	0.1
PF16	Rotax	Rotax 915iS	104	FOCA data	0.1
PF10	Thielert Aircraft Engines	TAE-125-01	135	FOCA data	0.1
P121	Textron Lycoming	TIO-540-J2B2	350		0.4
P131	Teledyne/Continental	TSIO-360C	225		0.4
PF07	Teledyne/Continental	TSIO-520-WB	325	FOCA data	0.4

Helicopter Engines

Status: August 2025

Code	Manufacturer	Engine	Power [shp]	Remarks	Engine Emission Value
H001	diverse	H < 1000SHP	848	Single Engine, CI 87%, App 46%, Taxi 13%	0.2
H002	diverse	H > 1000SHP	1800	Based on Makila, CL 66%, APP 32%, TA 7%	0.7
H003	diverse	H > 1000SHP	1877	Based on Makila, CL 87%, APP 46%, TA 13%	0.7
H202	Rolls Royce	250-C20	420	Twin Engine, CI 78%, App 38%, Taxi 7%, Rohkamp	0.2
H222	Rolls Royce	250-C20	420	Single Engine, CI 87%, App 46%, Taxi 13%, Rohkamp	0.2
HP71	diverse	6V-335	210	Single Engine, CI 95%, App 60%, Taxi 20%	0.2
H190	Turbomeca	ARRANO 1A	1219	Twin Heavy Engine, CI 66%, App 32%, Taxi 6%, H161	0.7
H101	Turbomeca	ARRIEL 1A	641	Twin Light Engine, CI 78%, App 38%, Taxi 7%	0.2
H102	Turbomeca	ARRIEL 1B	641	Single Engine, CI 87%, App 46%, Taxi 13%	0.2
H103	Turbomeca	ARRIEL 1C	660	Twin Light Engine, CI 78%, App 38%, Taxi 7%	0.2
H104	Turbomeca	ARRIEL 1C1	700	Twin Light Engine, CI 78%, App 38%, Taxi 7%	0.2
H105	Turbomeca	ARRIEL 1C2	763	Twin Light Engine, CI 78%, App 38%, Taxi 7%	0.2
H106	Turbomeca	ARRIEL 1D1	732	Single Engine, CI 87%, App 46%, Taxi 13%	0.2
H107	Turbomeca	ARRIEL 1D1	712	Twin Light Engine, CI 78%, App 38%, Taxi 7%	0.2
H108	Turbomeca	ARRIEL 1E1	738	Twin Light Engine, CI 78%, App 38%, Taxi 7%	0.2
H109	Turbomeca	ARRIEL 1E2	738	Twin Engine, CI 66%, App 32%, Taxi 6%	0.2
H110	Turbomeca	ARRIEL 2B	848	Single Engine, CI 87%, App 46%, Taxi 13%	0.2
H111	Turbomeca	ARRIEL 2C	839	Twin Light Engine, CI 78%, App 38%, Taxi 7%	0.2
H112	Turbomeca	ARRIEL 2C2	944	Twin Light Engine, CI 78%, App 38%, Taxi 7%	0.2

H113	Turbomeca	ARRIEL 2D	952	Single Engine, CI 87%, App 46%, Taxi 13%	0.2
H114	Turbomeca	ARRIEL 2S1	856	Twin Light Engine, CI 78%, App 38%, Taxi 7%	0.2
H115	Turbomeca	ARRIEL 2S2	897	Twin Light Engine, CI 78%, App 38%, Taxi 7%	0.2
H121	Turbomeca	ARRIUS 1A	480	Twin Light Engine, CI 78%, App 38%, Taxi 7%	0.2
H122	Turbomeca	ARRIUS 2B1	633	Twin Light Engine, CI 78%, App 38%, Taxi 7%	0.2
H123	Turbomeca	ARRIUS 2F	432	Single Engine, CI 87%, App 46%, Taxi 13%	0.2
H124	Turbomeca	ARRIUS 2K	670	Twin Light Engine, CI 78%, App 38%, Taxi 7%	0.2
H126	Turbomeca	ARRIUS 2R	505	Single Engine, CI 87%, App 46%, Taxi 13%	0.2
H131	Turbomeca	ARTOUSTE IIC	402	Single Engine, CI 87%, App 46%, Taxi 13%	0.2
H132	Turbomeca	ARTOUSTE IIIB	563	Single Engine, CI 87%, App 46%, Taxi 13%	0.2
H133	Turbomeca	ARTOUSTE IIIB	563	Twin Light Engine, CI 78%, App 38%, Taxi 7%	0.2
H141	Turbomeca	Astazou III	644	Single Engine, CI 87%, App 46%, Taxi 13%	0.2
H142	Turbomeca	ASTAZOU XI	590	Single Engine, CI 87%, App 46%, Taxi 13%	0.2
H504	General Electric	CT7-2E1	1625	Twin Heavy Engine, CI 66%, App 32%, Taxi 6%	0.7
H201	Rolls Royce	DDA250-C18	317	Single Engine, CI 87%, App 46%, Taxi 13%	0.2
H203	Rolls Royce	DDA250-C20	420	Single Engine, CI 87%, App 46%, Taxi 13%, Rohkamp	0.2
H204	Rolls Royce	DDA250-C20R	450	Single Engine, CI 87%, App 46%, Taxi 13%	0.2
H205	Rolls Royce	DDA250-C20R	450	Twin Light Engine, CI 78%, App 38%, Taxi 7%	0.2
H206	Rolls Royce	DDA250-C30	650	Single Engine, CI 87%, App 46%, Taxi 13%	0.2
H207	Rolls Royce	DDA250-C30	650	Twin Light Engine, CI 78%, App 38%, Taxi 7%	0.2
H208	Rolls Royce	DDA250-C40	715	Twin Light Engine, CI 78%, App 38%, Taxi 7%	0.2
H506	General Electric	GE CT7-8A	2740	Twin Heavy Engine, CI 66%, App 32%, Taxi 6%	0.7
H505	General Electric	GE-CT7-6	1920	Twin Heavy Engine, CI 66%, App 32%, Taxi 6%	0.7
H211	Rolls Royce	GEM 42-1	1120	Twin Heavy Engine, CI 66%, App 32%, Taxi 6%	0.7
H231	Rolls Royce	GNOME H-1200	1350	Twin Heavy Engine, CI 66%, App 32%, Taxi 6%	0.7
HP42	Textron Lycoming	HIO-360	200	FOCA Helicopter FOA	0.2
HP44	Textron Lycoming	HIO-540	260	FOCA Helicopter FOA	0.4
HP40	Textron Lycoming	HO-320	150	FOCA Helicopter FOA	0.2
HP41	Textron Lycoming	HO-360	180	FOCA Helicopter FOA	0.2
HP43	Textron Lycoming	HO-540	235	FOCA Helicopter FOA	0.4
H307	Honeywell	HTS900-2	761	Single Engine, CI 87%, App 46%, Taxi 13%	0.2
H401	diverse	ISOTOW GTD-350	400	Twin Heavy Engine (Klimov)CI 66%, App 32%, Taxi 6%	0.2
H701	Ivchenko	LO D-136	11400	Twin Heavy Engine, CI 66%, App 32%, Taxi 6%	9.8
H302	Honeywell	LTS-101-700D2	742	Single Engine, CI 87%, App 46%, Taxi 13%	0.2
H301	Honeywell	LTS101-750B.1	735	Twin Light Engine, CI 78%, App 38%, Taxi 7%	0.2
HF30	Turbomeca	Makila 1A1	1800	Large Twin CI 66% Ap 32%, GI 7%, FOCA/DLR	0.7
H151	Turbomeca	MTR 390	1450	Twin Heavy Engine, CI 66%, App 32%, Taxi 6%	0.7
H171	Turbomeca	Palouste IV	240	Single Engine, CI 87%, App 46%, Taxi 13%	0.2
H010	Pratt & Whitney	PT6B-35H	675	Turboshaft, CI 77%, App 38%, Taxi 19%	0.2
H011	Pratt & Whitney	PT6B-36A	981	Turboshaft, CI 77%, App 38%, Taxi 19%	0.2
H012	Pratt & Whitney	PT6B-36B	981	Turboshaft, CI 77%, App 38%, Taxi 19%	0.2
H013	Pratt & Whitney	PT6B-37	900	Turboshaft, CI 77%, App 38%, Taxi 19%	0.2
H045	Pratt & Whitney	PT6C-67C	1676	Turboshaft, CL 66%, AP 32%, GI 6%	0.7
H014	Pratt & Whitney	PT6T-3	900	Turboshaft, CI 77%, App 38%, Taxi 19%	0.2
H015	Pratt & Whitney	PT6T-3B	900	Turboshaft, CI 77%, App 38%, Taxi 19%	0.2
H016	Pratt & Whitney	PT6T-3BE	900	Turboshaft, CI 77%, App 38%, Taxi 19%	0.2
H017	Pratt & Whitney	PT6T-3D	900	Turboshaft, CI 77%, App 38%, Taxi 19%	0.2
H018	Pratt & Whitney	PT6T-6	938	Turboshaft, CI 77%, App 38%, Taxi 19%	0.2
H019	Pratt & Whitney	PW206A	621	Turboshaft, CI 77%, App 38%, Taxi 19%	0.2
H020	Pratt & Whitney	PW206B	414	Turboshaft, CI 77%, App 38%, Taxi 19%	0.2
H021	Pratt & Whitney	PW206C	550	Turboshaft, CI 77%, App 38%, Taxi 19%	0.2
H022	Pratt & Whitney	PW206D	550	Turboshaft, CI 77%, App 38%, Taxi 19%	0.2
H023	Pratt & Whitney	PW206E	621	Turboshaft, CI 77%, App 38%, Taxi 19%	0.2
H024	Pratt & Whitney	PW206E	621	Twin Light Engine, CI 78%, App 38%, Taxi 7%	0.2
H030	Pratt & Whitney	PW207C	650	Twin Light Engine, CI 78%, App 38%, Taxi 7%	0.2
H031	Pratt & Whitney	PW207D	572	Twin Light Engine, CI 78%, App 38%, Taxi 7%	0.2
H032	Pratt & Whitney	PW207E	429	Twin Light Engine, CI 78%, App 38%, Taxi 7%	0.2
H040	Pratt & Whitney	PW210A	1010	Turboshaft, CL 66%, AP 32%, GI 6%	0.7
H801	diverse	PZL-10W	880	Twin Heavy Engine, CI 66%, App 32%, Taxi 6%	0.2
HP50	Rotax	Rotax 582 DCDI Heli	64	Based on PF09	0.2
HP81	Rotax	Rotax 582 DCDI Heli	64	Single Engine, CI 95%, App 60%, Taxi 20%	0.2
HP51	Rotax	Rotax 912S Heli	100	Based on PF05	0.1
HP82	Rotax	Rotax 912S Heli	100	Single Engine, CI 95%, App 60%, Taxi 20%	0.2
H221	Rolls Royce	RR 250-C47M	808	Single Engine, CI 87%, App 46%, Taxi 13%	0.2
HP62	Rolls Royce	RR RW-133	133	Single Engine, CI 95%, App 60%, Taxi 20%	0.2
HP61	Rolls Royce	RR RW-152/D	160	Single Engine, CI 95%, App 60%, Taxi 20%	0.2
H303	Honeywell	T53 17A-1	1500	Single Engine, CI 87%, App 46%, Taxi 13%	0.7
H304	Honeywell	T53-09A	1100	Single Engine, CI 87%, App 46%, Taxi 13%	0.7

H305	Honeywell	T55-GA-714A	4800	Twin Heavy Engine, CI 66%, App 32%, Taxi 6%	0.7
H901	diverse	T62T	130	Single Engine, CI 87%, App 46%, Taxi 13%	0.2
H502	General Electric	T64-GE-416	4380	Twin Heavy Engine, CI 66%, App 32%, Taxi 6%	0.7
H501	General Electric	T64-GE-7	3925	Twin Heavy Engine, CI 66%, App 32%, Taxi 6%	0.7
H503	General Electric	T700-GE-401	1800	Twin Heavy Engine, CI 66%, App 32%, Taxi 6%	0.7
H161	Turbomeca	TM 333-2B2	1219	Twin Heavy Engine, CI 66%, App 32%, Taxi 6%	0.7
H181	Turbomeca	Turmo IV	1261	Twin Heavy Engine, CI 66%, App 32%, Taxi 6%	0.7
H402	diverse	TV2-117 (two engines	1500	Twin Heavy Engine (Klimov)CI 66%, App 32%, Taxi 6%	0.7
H403	diverse	TV3-117 VMA (two en	2200	Twin Heavy Engine (Klimov)CI 66%, App 32%, Taxi 6%	0.7

Turboprop Engines

Status: August 2025

Code	Manufacturer	Engine	Power [shp]	Remarks	Engine Emission Value
T001	diverse	TP-1000hp	680	Data from PT6A-27, PM FOCA FOA Turboshaft	0.1
T002	diverse	TP>1000hp	1735	PM FOCA FOA Turboshaft	0.3
T401	Allison	501 D13	3750	SN estimated, PM FOCA FOA Turboshaft	0.6
T150	Allison	501 D22A	4508	PM FOCA FOA Turboshaft	1.1
T201	Allison	AE2100A	3738	PM FOCA FOA Turboshaft	0.8
T600	Ivchenko	AI-24VT	2820	SN estimated, PM FOCA FOA Turboshaft	0.1
T051	General Electric	CT7-5A2	1735	PM FOCA FOA Turboshaft	0.4
T053	General Electric	CT7-9B	1750	PM FOCA FOA Turboshaft	0.4
T701	Pratt & Whitney	PT6A-11	500	PM FOCA FOA Turboshaft	0.1
T702	Pratt & Whitney	PT6A-110	475	PM FOCA FOA Turboshaft	0.1
T703	Pratt & Whitney	PT6A-112	500	FOI idle, PM FOCA FOA Turboshaft	0.1
T704	Pratt & Whitney	PT6A-114	680	PM FOCA from T717	0.1
T705	Pratt & Whitney	PT6A-114A	675	FOI idle, PM FOCA FOA Turboshaft	0.1
T708	Pratt & Whitney	PT6A-121	615	PM FOCA FOA Turboshaft	0.1
T710	Pratt & Whitney	PT6A-135A	750	PM FOCA FOA Turboshaft	0.1
T764	Pratt & Whitney	PT6A-140	1075	Basis T763, PM FOCA FOA Turboshaft	0.3
T712	Pratt & Whitney	PT6A-15AG	680	PM FOCA from T717	0.1
T714	Pratt & Whitney	PT6A-20	550	FOI idle, PM FOCA FOA Turboshaft	0.1
T716	Pratt & Whitney	PT6A-21	550	PM FOCA from T717	0.1
T717	Pratt & Whitney	PT6A-25A	550	FOCA/DLR Measurement	0.1
T718	Pratt & Whitney	PT6A-25C	750	PM FOCA FOA Turboshaft	0.2
T011	Pratt & Whitney	PT6A-27	680	FOI idle, PM T717	0.1
T012	Pratt & Whitney	PT6A-28	680	FOI idle, PM T717	0.2
T720	Pratt & Whitney	PT6A-34	750	PM FOCA FOA Turboshaft	0.1
T722	Pratt & Whitney	PT6A-38	750	PM FOCA FOA Turboshaft	0.1
T724	Pratt & Whitney	PT6A-40	700	PM FOCA FOA Turboshaft	0.1
T726	Pratt & Whitney	PT6A-41	850	PM FOCA FOA Turboshaft	0.2
T728	Pratt & Whitney	PT6A-42	850	FOI idle, PM FOCA FOA Turboshaft	0.2
T730	Pratt & Whitney	PT6A-45A	1119	PM FOCA FOA Turboshaft	0.2
T731	Pratt & Whitney	PT6A-45AG	1141	PM FOCA FOA Turboshaft	0.2
T732	Pratt & Whitney	PT6A-45B	1141	PM FOCA FOA Turboshaft	0.2
T733	Pratt & Whitney	PT6A-45R	1197	PM FOCA FOA Turboshaft	0.2
T735	Pratt & Whitney	PT6A-50	1120	PM FOCA FOA Turboshaft	0.2
T736	Pratt & Whitney	PT6A-52	850	7% idle, PM FOCA FOA Turboshaft	0.2
T737	Pratt & Whitney	PT6A-60	1050	PM FOCA FOA Turboshaft	0.2
T738	Pratt & Whitney	PT6A-60A	1050	PM FOCA FOA Turboshaft	0.2
T739	Pratt & Whitney	PT6A-60AG	1050	PM FOCA FOA Turboshaft	0.2
T741	Pratt & Whitney	PT6A-61	849	PM FOCA FOA Turboshaft	0.1
T743	Pratt & Whitney	PT6A-62	950	PM FOCA FOA Turboshaft	0.2
T745	Pratt & Whitney	PT6A-64	700	FOI idle, PM FOCA FOA Turboshaft	0.1
T747	Pratt & Whitney	PT6A-65AG	1300	PM FOCA FOA Turboshaft	0.2
T748	Pratt & Whitney	PT6A-65AR	1424	PM FOCA FOA Turboshaft	0.2
T749	Pratt & Whitney	PT6A-65B	1100	PM FOCA FOA Turboshaft	0.2
T750	Pratt & Whitney	PT6A-65R	1376	PM FOCA FOA Turboshaft	0.2
T752	Pratt & Whitney	PT6A-66	850	PM FOCA FOA Turboshaft	0.1
T754	Pratt & Whitney	PT6A-67	1200	PM FOCA FOA Turboshaft	0.2
T755	Pratt & Whitney	PT6A-67A	1200	PM FOCA FOA Turboshaft	0.2
T756	Pratt & Whitney	PT6A-67AF	1424	PM FOCA FOA Turboshaft	0.2
T757	Pratt & Whitney	PT6A-67AG	1350	PM FOCA FOA Turboshaft	0.2
T758	Pratt & Whitney	PT6A-67B	1200	FOI idle, PM FOCA FOA Turboshaft	0.2
T759	Pratt & Whitney	PT6A-67CF	1650	PM FOCA FOA Turboshaft	0.3
T760	Pratt & Whitney	PT6A-67D	1278	PM FOCA FOA Turboshaft	0.2
T761	Pratt & Whitney	PT6A-67R	1424	PM FOCA FOA Turboshaft	0.2

T763	Pratt & Whitney	PT6A-68	1100	PM FOCA FOA Turboshift	0.2
T765	Pratt & Whitney	PW118	1800	PM FOCA FOA Turboshift	0.5
T766	Pratt & Whitney	PW118A	1800	PM FOCA FOA Turboshift	0.6
T767	Pratt & Whitney	PW118B	1800	PM FOCA FOA Turboshift	0.6
T769	Pratt & Whitney	PW119B	2180	PM FOCA FOA Turboshift	0.8
T770	Pratt & Whitney	PW119C	2180	PM FOCA FOA Turboshift	0.8
T031	Pratt & Whitney	PW120	2000	PM FOCA FOA Turboshift	0.8
T032	Pratt & Whitney	PW120A	2000	PM FOCA FOA Turboshift	0.8
T775	Pratt & Whitney	PW121	2150	PM FOCA FOA Turboshift	0.6
T776	Pratt & Whitney	PW121A	2200	PM FOCA FOA Turboshift	0.7
T778	Pratt & Whitney	PW123	2380	PM FOCA FOA Turboshift	0.8
T779	Pratt & Whitney	PW123B	2500	PM FOCA FOA Turboshift	0.8
T780	Pratt & Whitney	PW123C	2150	PM FOCA FOA Turboshift	0.8
T781	Pratt & Whitney	PW123D	2150	PM FOCA FOA Turboshift	0.8
T782	Pratt & Whitney	PW123E	2380	PM FOCA FOA Turboshift	0.8
T034	Pratt & Whitney	PW124B	2400	PM FOCA FOA Turboshift	1.2
T033	Pratt & Whitney	PW125B	2500	PM FOCA FOA Turboshift	1.1
T788	Pratt & Whitney	PW126A	2662	PM FOCA FOA Turboshift	0.9
T791	Pratt & Whitney	PW127B	2750	PM FOCA FOA Turboshift	0.9
T792	Pratt & Whitney	PW127C	2750	PM FOCA FOA Turboshift	0.9
T793	Pratt & Whitney	PW127D	2750	PM FOCA FOA Turboshift	0.9
T794	Pratt & Whitney	PW127E	2400	PM FOCA FOA Turboshift	0.9
T795	Pratt & Whitney	PW127F	2750	PM FOCA FOA Turboshift	0.9
T790	Pratt & Whitney	PW127G	2750	EASA Sample IV D5	0.9
T796	Pratt & Whitney	PW127G	2920	PM FOCA FOA Turboshift	1.0
T798	Pratt & Whitney	PW150A	5071	PM FOCA FOA Turboshift	1.6
T800	Rolls Royce	RR DART 514	2140	PM FOCA FOA Turboshift	0.1
T111	Rolls Royce	RR DART 514-7	2048	PM FOCA FOA Turboshift	0.2
T113	Rolls Royce	RR DART 528-7E	2048	PM FOCA FOA Turboshift	0.2
T114	Rolls Royce	RR DART 535-7R	2048	PM FOCA FOA Turboshift	0.2
T120	Rolls Royce	RR DART 542-4	3060	PM FOCA FOA Turboshift	0.3
T802	Rolls Royce	RR DART 552	2140	PM FOCA FOA Turboshift	0.1
T125	Rolls Royce	RR DART 552-7R	2048	PM FOCA FOA Turboshift	0.2
T102	Rolls Royce	RR DART RDa10	3060	PM FOCA FOA Turboshift	0.3
T101	Rolls Royce	RR DART RDa7	2048	PM FOCA FOA Turboshift	0.2
T404	Allison	T56-A-14	4508	PM Corporan et al 2008	0.7
T405	Allison	T56-A-15	4908	PM Corporan et al 2008	0.7
T500	diverse	TP400-D6	11000	PM FOCA FOA Turboshift	2.4
T300	AlliedSignal/Garrett	TPE331-1	705	PM FOCA FOA Turboshift	0.1
T301	AlliedSignal/Garrett	TPE331-10A	984	PM FOCA FOA Turboshift	0.2
T302	AlliedSignal/Garrett	TPE331-10G	984	PM FOCA FOA Turboshift	0.2
T303	AlliedSignal/Garrett	TPE331-10GT	984	PM FOCA FOA Turboshift	0.2
T304	AlliedSignal/Garrett	TPE331-10N	984	PM FOCA FOA Turboshift	0.2
T305	AlliedSignal/Garrett	TPE331-10R	984	PM FOCA FOA Turboshift	0.2
T306	AlliedSignal/Garrett	TPE331-10U	984	PM FOCA FOA Turboshift	0.2
T307	AlliedSignal/Garrett	TPE331-10UA	904	PM FOCA FOA Turboshift	0.2
T308	AlliedSignal/Garrett	TPE331-10UG	984	PM FOCA FOA Turboshift	0.2
T309	AlliedSignal/Garrett	TPE331-10UK	1045	PM FOCA FOA Turboshift	0.2
T310	AlliedSignal/Garrett	TPE331-11U-601G	1000	PM FOCA FOA Turboshift	0.2
T312	AlliedSignal/Garrett	TPE331-12B	1151	PM FOCA FOA Turboshift	0.3
T314	AlliedSignal/Garrett	TPE331-12UA	1151	PM FOCA FOA Turboshift	0.3
T315	AlliedSignal/Garrett	TPE331-12UHR	1151	PM FOCA FOA Turboshift	0.3
T317	AlliedSignal/Garrett	TPE331-14B	1312	PM FOCA FOA Turboshift	0.3
T318	AlliedSignal/Garrett	TPE331-14GR	1723	PM FOCA FOA Turboshift	0.3
T320	AlliedSignal/Garrett	TPE331-15AW	1712	PM FOCA FOA Turboshift	0.3
T322	AlliedSignal/Garrett	TPE331-1UA	705	PM FOCA FOA Turboshift	0.1
T070	AlliedSignal/Garrett	TPE331-2	715	PM FOCA FOA Turboshift	0.2
T323	AlliedSignal/Garrett	TPE331-2UA	755	PM FOCA FOA Turboshift	0.2
T071	AlliedSignal/Garrett	TPE331-3	840	PM FOCA FOA Turboshift	0.2
T324	AlliedSignal/Garrett	TPE331-3U	904	PM FOCA FOA Turboshift	0.2
T325	AlliedSignal/Garrett	TPE331-3W	904	PM FOCA FOA Turboshift	0.2
T326	AlliedSignal/Garrett	TPE331-5A	834	PM FOCA FOA Turboshift	0.2
T327	AlliedSignal/Garrett	TPE331-5B	834	PM FOCA FOA Turboshift	0.2
T328	AlliedSignal/Garrett	TPE331-6-252B	808	ACRP Research Report 164	0.4
T999	diverse	Turboprop diverse larg	2000	PM FOCA FOA Turboshift	0.8
T140	Rolls Royce	TYNE	5400	PM FOCA FOA Turboshift	0.9