J57A1:I29	B-52	F-100	F-4Phantom					
Conversioni				Cost K-F	255.37			
g(ft/s2)	32.175	ft->m	0.3048	BTU->J	1,055	BTU/lbm->	25,038	
1lb->kg	0.45359	lbft->kgm	0.1383	psi->Pa	6,895			
Dati				Si		cp(J/kgK)	1,005	
QR(BTU/lbn	18,600	QR(ft2/s2)	4.66E+08	QR(kJ/kg)	43266	cp(BTU/lbn	0.24	
	AB	MIL		AB	MIL	SI	AB	MIL
m2(lbm/s)	172	164	m2(lbm/s)	172	164	m2(kg/s)	78.02	74.39
mf(lbm/hr)	33,650	8,520	mf(lbm/s)	9.35	2.37	mf(kg/s)	4.240	1.073
Fn(lbf)	16,000	10,200	Fn(lb ft/s2)	514,800	328,185	Fn(N)	71,173	45,373
	AB		MIL		SI	AB	MIL	
Stazioni	pt(psi)	T(F)	pt(psi)	T(F)	pt(kPa)	T(K)	pt(kPa)	T(K)
2	14.7	59	14.7	59	101.4	288.1	101.4	288.1
2.5	54.0	330	54.0	330	372.3	438.7	372.3	438.7
3	167	660	167	660	1,151.5	622.0	1,151.5	622.0
4	158	1,570	158	1,570	1,089.4	1,127.6	1,089.4	1,127.6
5	36.0	1,013	36.0	1,013	248.2	818.1	248.2	818.1
9	32	2,540	33	1,013	220	1,666.5	228	818.1
	AB	MIL	SI	AB	MIL			
f	0.0543	0.0144	f	0.054	0.014			
π_{cLP}	3.673	3.673	π_{cLP}	3.673	3.673			
π_{cHP}	3.093	3.093	π_{cHP}	3.093	3.093			
π_c	11.361	11.361		11.361	11.361			
π_t	0.228	0.228	π_t	0.228	0.228	No change in π_t for AB On /off		
V9(ft/s)	2,839	1,973	V9(m/s)	865	601			
η_{th}	0.168	0.294	η_{th}	0.168	0.294			
TSFC(lbm/h	2.103	0.8353	TSFC(mg/s N)	59.570	23.659			
η_{carnot}	0.827	0.744	η_{carnot}	0.827	0.744			
%F	56.9		%F	56.9				
%mf	295.0		%mf	295.0				

JT3D-3B è stato usato su: B707 e DC8.								
Conversioni				Cost K-F	255.37			
g(ft/s2)	32.175	ft->m	0.3048	BTU->J	1,055		BTU/lbm->ft2/s2	25,038
1lb->kg	0.45359	lbft->kgm	0.1383	psi->Pa	6,895		Conv TSFC	115,830
Dati				Si				
QR(BTU/lbm)	18,600	QR(ft2/s2)	465,707,434	QR(kJ/kg)	43266		cp3(BTU/lbmR)	0.24
							cp4(BTU/lbmR)	0.26
m13(lbm/s)	265	m13(lbm/s	265	m2(kg/s)	120.20		R3(ft2/s2R)	1,717
m3(lbm/s)	195	mf(lbm/s)	195	mf(kg/s)	88.450		R4(ft2/s2R)	1,716
Fn(lbf)	18,000	Fn(lb ft/s2)	579,150	Fn(N)	80,070		gamma3	1.400
V9(ft/s)	1,560			V9(m/s)	475		k	0.286
V13(ft/s)	990			V13(m/s)	302		gamma4	1.358
				SI			k	0.264
Stazioni	pt(psi)	T(F)	T(R)	pt(kPa)	T(K)		Si	
2	14.7	59	518.7	101.4	288.1		cp(J/kgK)	1,005
13	26.0	170	629.7	179.3	349.8		cp(J/kgK)	1,089
2.5	63	360	819.7	434.4	455.4		R(J/kgK)	287
3	200	715	1,174.7	1,379.0	652.6		R(J/kgK)	287
4	190.0	1,400	1,859.7	1,310.0	1,033.1			
5	28.0	890	1,349.7	193.1	749.8			
9	14.7	59	518.7	101	288.1			
				SI				
α	1.359			α	1.359			
f	0.011			f	0.011			
π_{Fan}	1.769			π_{cLP}	1.769			
π_{cHP}	7.692			π_{cHP}	7.692			
π_c	13.605			π_c	13.605			
π_t	0.147			π_t	0.147			
mf	2.170			mf	0.984			
F(lb ft/s2)	569,935	Fn(lbf)	17,714	F(N)	78,796			
η_{th}	0.366			η_{th}	0.366			
TSFC(lbm/h lb	0.441	0.434		TSFC(mg/s N)	12.491			
η_{carnot}	0.721			η_{carnot}	0.721			
ao	1,117			ao	340			
ST/ao	1.110			ST/ao	1.110			
π_{tot}	13.6			π_{tot}	14			
T13(R)	548			T13	305			
a13(m/s)	1,148			a13	350			
M13	0.863			M13	0.863			

JT8D	727, dc9 , md80						
Conversioni				Cost K-F	255.37		
g(ft/s2)	32.175	ft->m	0.3048	BTU->J	1,055	BTU/lbm->ft2/s2	25,038
1lb->kg	0.45359	lbft->kgm	0.1383	psi->Pa	6,895	Conv TSFC	115,830
Dati				Si			
QR(BTU/lbm)	18,600	QR(ft2/s2)	465,707,434	QR(kJ/kg)	43266	cp3(BTU/lbmR)	0.24
				SI		cp4(BTU/lbmR)	0.26
m13(lbm/s)	165	m13(lbm/s	165	m2(kg/s)	74.84	R3(ft2/s2R)	1,717
m3(lbm/s)	150	m3(lbm/s)	150	m3(kg/s)	68.039	R4(ft2/s2R)	1,716
Fn(lbf)	14,000	Fn(lb ft/s2)	450,450	Fn(N)	62,277	gamma3	1.400
V9(ft/s)	1,450			V9(m/s)	442	k	0.286
						gamma4	1.358
				SI		k	0.264
Stazioni	pt(psi)	T(F)	T(R)	pt(kPa)	T(K)	Si	
2	14.7	59	518.7	101.4	288.1	cp(J/kgK)	1,005
13	28.0	190	649.7	193.1	360.9	cp(J/kgK)	1,089
2.5	60	355	814.7	413.7	452.6	R(J/kgK)	287
3	233	800	1,259.7	1,606.5	699.8	R(J/kgK)	287
4	220.0	1,720	2,179.7	1,516.9	1,210.9		
9	29.0	890	1,349.7	200.0	749.8		
				SI			
α	1.100			α	1.100		
f	0.0147			f	0.0147		
$\pi_{LPC+Fan}$	4.082			$\pi_{LPC+Fan}$	4.082		
π_{cHP}	3.883			π_{cHP}	3.883		
π_c	15.850			π_c	15.850		
π_t	0.132			π_t	0.132		
mf	2.199			mf	0.998		
F(lb ft/s2)	459,939	Fn(lbf)	14,295	F(N)	63,588		
η_{th}	0.326			η_{th}	0.156		
TSFC(lbm/h lb	0.554			TSFC(mg/s N)	15.687		
η_{carnot}	0.762			η_{carnot}	0.762		
ao	1,117			ao	340		
ST/ao	1.308			ST/ao	1.308		
π_{tot}	16			π_{tot}	16		
T9(R)	1,188			T13	660		
a9(ft/s)	1,664			a13	515		
M9	0.871			M13	0.858		

JT9D	747, A310, 767						
Conversioni				Cost K-F	255.37		
g(ft/s2)	32.175	ft->m	0.3048	BTU->J	1,055	BTU/lbm->ft2/s2	25,038
1lb->kg	0.45359	lbft->kgm	0.1383	psi->Pa	6,895	Conv TSFC	115,830
Dati				Si			
QR(BTU/lbm)	18,600	QR(ft2/s2)	465,707,434	QR(kJ/kg)	43266	cp3(BTU/lbmR)	0.24
				SI		cp4(BTU/lbmR)	0.26
m13(lbm/s)	1,248	m13(lbm/s	1,248	m2(kg/s)	566.08	R3(ft2/s2R)	1,717
m3(lbm/s)	247	mf(lbm/s)	247	m3(kg/s)	112.037	R4(ft2/s2R)	1,716
Fn(lbf)	43,500	Fn(lb ft/s2)	1,399,613	Fn(N)	193,502	gamma3	1.400
V9(ft/s)	1,190			V9(m/s)	363	k	0.286
V19(ft/s)	885			V19(m/s)	270	gamma4	1.358
				SI		k	0.264
Stazioni	pt(psi)	T(F)	T(R)	pt(kPa)	T(K)	Si	
2	14.7	59	518.7	101.4	288.1	cp(J/kgK)	1,005
13	22.6	130	589.7	155.8	327.6	cp(J/kgK)	1,089
2.5	32	210	669.7	221.3	372.0	R(J/kgK)	287
3	316	880	1,339.7	2,178.8	744.3	R(J/kgK)	287
4	302.0	1,970	2,429.7	2,082.3	1,349.8		
5	20.9	850	1,309.7	144.1	727.6		
9	14.7	850	1,309.7	101	727.6		
19	22.4	130	589.7	154	327.6		
				SI			
α	5.053			α	5.053		
f	0.017			f	0.017		
π_{LPC}	2.184			π_{cLP}	2.184		
π_{cHP}	9.844			π_{cHP}	9.844		
π_c	21.497			π_c	21.497		
π_t	0.069			π_t	0.069		
mf	4.264			mf	1.934		
F_{Fan}(lb ft/s2)	1,104,480	Fn(lbf)	34,327	F_{Fan}(N)	152,699		
F_{main}(lb ft/s2)	299,004	Fn(lbf)	9,293	F_{main}(N)	41,339		
F(lb ft/s2)	1,403,484	Fn(lbf)	43,620	F(N)	194,038		
η_{th}	0.336			η_{th}	0.336		
TSFC(lbm/h lb	0.352			TSFC(mg/s N)	9.968		
η_{carnot}	0.787			η_{carnot}	0.787		
ao	1,117			ao	340		
ST/ao	0.841			ST/ao	0.841		
π_{tot}	21.5			π_{tot}	21		
T19(R)	525			T19	291		
a19(ft/s)	1,123			a19	342		
M19	0.788			M19	0.788		
T9(R)	1,201			T9	667		
a9(ft/s)	1,673			a9	510		
M9	0.711			M9	0.711		

JT9D	747, A310, 767		Reverse thrust		
Conversioni				Cost K-F	255.37
g(ft/s2)	32.175	ft->m	0.3048	BTU->J	1,055
1lb->kg	0.45359	lbft->kgm	0.1383	psi->Pa	6,895
Dati				Si	
				SI	
m13(lbm/s	1,250	m13(lbm/s	1,250	m2(kg/s)	566.99
m3(lbm/s)	250	mf(lbm/s)	250	mf(kg/s)	113.398
V9(ft/s)	1,200			V9(m/s)	366
V19(ft/s)	890			V19(m/s)	271
V2(ft/s)	450			V2(m/s)	137
α	60				
m2	1,500			m2	680
Dram (lb ft	675,000	Dram((lbf)	20,979	Dram(N)	93,322
F_{Fan}(lb ft/s2	556,250	F_{Fan}(lbf)	17,288	F_{Fan}(N)	76,904
F_{main}(lb ft/s	300,000	F_{main}(lbf)	9,324	F_{main}(N)	41476.27
F(lb ft/s2)	931,250	F(lbf)	28,943	F(N)	90297.3

JT9D	747, A310, 767						
Conversioni				Cost K-F	255.37		
g(ft/s2)	32.175	ft->m	0.3048	BTU->J	1,055	BTU/lbm->ft2/s2	25,038
1lb->kg	0.45359	lbft->kgm	0.1383	psi->Pa	6,895	Conv TSFC	115,830
Dati				Si			
QR(BTU/lbm)	18,600	QR(ft2/s2)	465,707,434	QR(kJ/kg)	43266	cp3(BTU/lbmR)	0.24
				SI		cp4(BTU/lbmR)	0.26
m13(lbm/s)	1,248	m13(lbm/s	1,248	m2(kg/s)	566.08	R3(ft2/s2R)	1,717
m3(lbm/s)	247	mf(lbm/s)	247	mf(kg/s)	112.037	R4(ft2/s2R)	1,716
Fn(lbf)	43,500	Fn(lb ft/s2)	1,399,613	Fn(N)	193,502	gamma3	1.400
V9(ft/s)	1,190			V9(m/s)	363	k	0.286
V19(ft/s)	885			V19(m/s)	270	gamma4	1.358
				SI		k	0.264
Stazioni	pt(psi)	T(F)	T(R)	pt(kN)	T(K)	Si	
2	14.7	59	518.7	101.4	288.1	cp(J/kgK)	1,005
13	22.6	130	589.7	155.8	327.6	cp(J/kgK)	1,089
2.5	32	210	669.7	221.3	372.0	R(J/kgK)	287
3	316	880	1,339.7	2,178.8	744.3	R(J/kgK)	287
4	302.0	1,970	2,429.7	2,082.3	1,349.8		
5	20.9	850	1,309.7	144.1	727.6		
9	14.7	850	1,309.7	101	727.6		
19	22.4	130	589.7	154	327.6		
Compressore	W(Btu/s)	Deltas(BTU/lbmR)		W(kW)	Deltas(J/kg/K)		
LP	8,951	0.0078		9,444	32.5316		
HP	39,718	0.0096		41,906	40.1956		
Fan	21,266	0.0013		22,438	5.4361		
Tot	69,935	0.0187	Tot	73,788	78.1634		
CC	76,618			80,839			
Turbina	-71,926	0.038		-75,890	93.6979		