Air turbine producing 52 43/Ng Ti = 30c pi = 2.5 atm

Vi = 120 mls

Vi = 120 mls

Wout = 52 u3/ug

Vi = 20 mls Find. Meat transfer AGume! Stocky, TPG PICO! m(h, + V12) - 2 + m2 (h2+ 22) + went + Qent got = (ho, - hoz) - wat = (u,-hz)+ (v12-V22) - wont (n,-hz) = ST cp ST = cp (Tz-T) CRAIN (263-305K) = 1,003-1,005 KJ/KgK "Colore enach together (linen), so take average of out = flug = ANS Themodynamic cycle -> Do thermodynamic action until it comes back to original state -> Frige (you want dosed) -) Jet engines (you want open) In closed system at steady-state: do-SQnet.in-SWnet.out Win / 17 = 2 Qretin = Wrot, out -> Throwing not air out, you're wanting energy Cycle (thermal) efficiency n = Wret, out = wint, at -> what we want Q:n Qin -> what we pay for Energy remove & by New transfer from "cold" system Qin, coll = Qar, not - Win

~ 775600	ne no work but	flow work	. (this also	inv;scid), TPE	a
	No N	Sq hoteho	teh		
	7	1 V2+EV2 T+ET			
(4 Law.	8q = 2ho = 2h	+ 6(12)			
		1+ 560,			
	<u>δα</u> = <u>Δ</u> Τ + <u>1</u> <u>Cρ</u> Τ Τ 20	T /	_ will show =	Mach number 1	м -
	dT = 8e - (Y-1) \(\sqrt{z} \)	√² .c²		
	T CPI	Z (YM)	() ()		
	6y = 2ho =			at To constant	
			flaw (+no w	one but flow	work)
つ first	law; s lenites.	Things can	+ go back		
-> Intro	tike etropy				
—> 1	ماسما کے ملمانہ				
Gir '	S Still and	Ent that a	pins asm	then stops.	Atter stop,
-> B	s still moving	fast, but	pins asır randomly s entropy,	then stops.	Atter stop, be pu
ECONC	s still mouraged by allown together	fast, but is creating	randomly s entropy,	Gameon con+	the stop, be pu
ECONC	eding a balloon	fast, but is creating	randomly s entropy,	Gameon con+	be pu
-7 E.	s still moving eding a balloon together atropy is bat. PICO for ext	fast, but is creating Occeances an	randomly s entropy, vailable ene	Gameon con+	be pu
-7 E. Consider I-nov	eding a bolloon together atropy is bot. PICO for ent t = Output = 0	fast, but is creating Occeances an	randomly s entropy, vailable ene	Gameon con+	be pu
Consider Inno 7 Frod	s still moving. edding a balloon together ntropy is bat. PICO for ent t = Output = D ution = change	fast, but is creating Occeances an	randomly s entropy, vailable ene	Gameon con+	be pu
Consider Inno 7 Frod	s still mounty edding a bolloon together atropy is bot. PICO for ent t = output = o ution = change	fast, but is creating Occeances an	randomly s entropy, vailable ene	Gameon con+	be pu
Consider Inov = 7 Produ = 7 Sp.	s still moving. edding a balloon together ntropy is bat. PICO for et t = output = o ution = change = 25 = 25 > 0	fast, but is creating Occeances an	randomly s entropy, vailable ene	Gameon con+	be pu
Consider Inno 7 Food 27 Products So in :	s still mounty edding a bolloon together atropy is bot. PICO for ent t = output = o ution = change	Fast, but is creating Occesses and one isola	candomly s entropy, vailible ene	Gameon con+	be pu
Consider Inno 7 Frod 27 Frod 27 Sp: So in :: 7 Ps	s still moving. edding a balloon together ntropy is bat. PICO for ent t = Output = D ution = change = 25 = 25 > 0 volated system, 20 is an production is now	fast, but is creating Denewords an oney for isola impossible process	candomly sentropy, vailible ene where systems ess Choficulian	Gamoon con+	be pu be pu pesistance, quest-159
Consider Inno 7 Frod 27 Frod 27 Sp: So in :: 7 Ps	s still moving. edding a balloon together ntropy is bod. PICO for ent t = Output = 0 ution = change = 25 = 25 > 0 voolded seven. 20 is an	fast, but is creating Denewords an oney for isola impossible process	candomly sentropy, vailible ene where systems ess Choficulian	Gamoon con+	be pu
Consider Inno 7 Frod 27 Frod 27 Sp: So in :: 7 Ps	s still moving. edding a balloon together ntropy is bat. PICO for ent t = Output = D ution = change = 25 = 25 > 0 volated system, 20 is an production is now	fast, but is creating Denewords an oney for isola impossible process	candomly sentropy, vailible ene where systems ess Choficulian	Gamoon con+	be pu