

ENGINE DESCRIPTION

Mfgr.	Lepening		Place			Date		
Type	Opposed		Model	IO-360-A1B6D		Serial No.	L-16702-51A	
Rated H. P.	200		Maximum H. P.	200		Weight (Dry)		
Rated R. P. M.	2700		Maximum R. P. M.	2700		Oil Pressure		
Bore			Stroke			Displacement	Cu. In.	
Compression Ratio			Supercharger Ratio			Gear Ratio		
Propeller	McCauley		Hub Design	B2D34C207		Hub Serial No.	771012	
Blade Design	78TCA-0		Blade Serial	B69430		Blade Serial	B69437	
Maximum Hub H. P.			Maximum Blade H. P.					
Pitch	1/12.9°		Diameter	78"		Length		
	2/27.5°							
Owner's Name								
Address				City	State			

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IO THS			
7-7						
8-13	5			Maintenance	[Signature]	
8-04	30		35		[Signature]	
9-17-77				Test Time 3.9 Replaced Magneto. installed SER 13878 Ground checked OK. Adapted to work App 1531860		
10-21-77				Track time 4.0 Replaced oil pressure transducer Ground run ok ok. Adapted to work App 1531860		

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ENGINE LOG

DATE	DURATION	ACCUMULATED		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		TOTAL	IO THS			
		HOURS				
	3/6/78			Tach Time: 17.0 Changed Oil + oil filter, cleaned & gapped plugs cleaned fuel injectors, checked mag. timing, checked compression #1-1700 #2-1800 #3-1300 #4-1300. I certify that this engine has been inspected in accordance with a 100 hr. inspection and was determined to be in an airworthy condition.	A. W. Appleton	
	3-6-78			I certify that this engine has been inspected in accordance with an Annual and was found to be in Airworthy Condition.	At P 21492616	
					Pete R. Jorgensen	
					At P 2166817A	

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
4/10/78		25.6		Changed oil & filter removed w/ 8 qts Amsoil 50wt		
				Not started 144826002		
6-21-78		52.0		Total Time 52.0 changed oil & filter 8 qts 50w Amsoil Tommy C. Hoops 404820792 ATD		

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICEN NUMB
		HOURS	10THS			
5-3-79	94.0			INSPECTED ENGINE IN ACCORDANCE WITH A 100 HR INSPECTION. CHANGED OIL WITH SDW AEROSHELL DETERGENT CLEANED PLUGS, CHANGED OIL FILTER, REPLACED CHT SENDING UNIT, REPLACED EST SENDING UNIT, C/A AD 79-04-05 BY CHECKING BEARING FIT AND STAMPLING "B". OIL MAB, TIMED MAB, COMPRESSION CHECKED OK. GREASED, WHEEL BEARINGS, AND LIBRICATED CONTROLS. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION.		
				cm para IA 314549125		

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
6/23/81	2			Jack Line 114.8 hr. Spark Plug Clean & Regreased mags checked Oil & Filter changed. Checked all controls. Checked intake & exhaust valves, engine checked for fuel & oil leaks. Cleaned fuel injector nozzle. Concluded that #1-75/80, #2-78/80 #3-77/80 & #4-76/80 engine checked clean & run up checked O.K.		
				I certify that this different or engine has been inspected in accordance with a form of annual inspection and was determined to be in airworthy condition. Bob Gillespie		
				Bob Gillespie		
				A. & P. 1905584 1.5A.		
				Approved 82 Jack 126		
				Checked Oil - Airy leaked. Filled. Approved		
				Added Oil. Filled pump. etc. Approved		
				1901943694		

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
				Repaired O.T. - 10.1.18, Checked Compartment Checked O.T. - 10.1.18, Checked Fuel & Services Installed 10.1.18, 10.1.18, 10.1.18, 10.1.18 Replaced 10.1.18, 10.1.18, 10.1.18, 10.1.18		
				I certify that this aircraft has been inspected in accordance with the regulations and has been found to be in compliance with the regulations.		
				Signature: [Signature] Cert. No. 123456789 Name in service: J. J. J. Date of issue: 10.1.18		

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICEN NUMB
		HOURS	10THS			
8/11		128.7		ENG COMPRESSOR CK. MADE #1 80% #2 80% #3 80% #4 80%	Chas. H. 19305540025	
12-30-84	11	128.7	228			
				Pls look for inspection this date. All engine determined to be in airworthy condition.		
				John 265316 A.D.S. List in folder		
3-22-85	11	328	Tach 328			
				Car work/inspecting this date engine determined to be in airworthy condition.		
				John 265316		

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE
		HOURS	10THS		
19 8-5-	TUE	878		Changed oil 7 qts also shell 65 Drum Coaly W P 574240437	
MAY 20 TACH 425				1) c/w 100 hr insp. 2) cleared, capped, tested water spark plugs 3) changed oil & filter 8 qts Atto shell 80w 4) compression test 1177 2174 3)78 4)76 /over 80 5) cleaned fuel injectors 6) v way dining 25°+27 gr.c. 7) c/w HP 84-26-02 by insp replace at 500	
				I certify that this was done & approved by me inspected in H/V 100 hrs I have statement for my signature condition from Coaly W P 574240437	

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
#85	TACH	481		1) 50 hour oil change		
				R. Doyle		
				4/P 518741083		
July 10	TACH	519		1) 2 hr 100 hour inspection		
				2) change oil & filter (40 wts)		
				3) & installed new spark plugs		
				4) installed new exhaust gaskets		
				5) Compression 1 (76) 2 (74) 3 (78) 4 (76)		
				6) A.O.'s ch'd. to date		
				I certify this engine was inspected thru		
				100 hour inspection and deemed to be in satisfactory		
				condition. R. Doyle 4/P 518741083		

ENGINE LOG

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ENGINE LOG

DATE 19 85	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
Oct 3	THH 477	612		1) C/W 100 hr insp. 2) changed oil & filter Aeroshell 80 3) compression 1) 76 2) 76 3) 76 4) 78 / 80 4) cleaned, gapped, tested spark plugs 5) tested rev hardware. 6) v mag timing. 7) AD ✓ to BS-17 8) A/C approved for return to service 9) test rev engine - O.K.		
I certify that this engine & propeller have been inspected in A/W 100 hr insp. and were determined to be in an airworthy condition. <i>Don Cooley</i> A4P 574240437						
1-5-86	changed oil THH 666			<i>Don Cooley</i> A4P 574240437		

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ENGINE LOG

DATE	DURATION	ACCUMULATED		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		TOTAL TIME	HOURS 10THS			
1986 2-20	688			1) clw 100 in ring 2) all Pong 1000's better than 75/80 3) oil change & filter (concluded 65) 4) spark plugs cleaned, gaps tested, adjusted 5) injectors cleaned 6) prop cleaned 7) ign harness checked. 8) fuel returns cleaned. 9) mag point replaced. 10) mag found to be fine. 11) approved for return to service - that was OK. I certify that the engine & propeller have been inspected in place 100 in ring & were determined to be in an acceptable condition. Glenn Cooky TR 5942464371		

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TOTAL TIME

HOURS

10THS

REPAIRS --- ADJUSTMENTS

3-25	733
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Removed POOP and reinstalled
approved for return to service.
Denn Cooling A4D 574240437

3-30	738
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changed oil. & approved for return to service
Dinner Only A412 57424043

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[illegible]

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ENGINE LOG

DATE 19 86	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IO THS			
Sept 5	10h + TTE	891		1) 4w 100hr Insp		
Prop		891		2) Cleaned + ✓ oil Screens		
				3) R+R oil + Filter		
				4) Serviced plugs		
				5) Ign. Harness ✓ OK		
				6) Comp ✓ 1) 76 2) 77 78 3) 78 4) 79		
				I certify that this <u>Engine Prop</u> has been inspected in A/W with <u>100hr</u> and has been determined to be in an airworthy condition. Status of AD compliance may be determined from Aircraft records, AD checked to <u>86-12</u>. Approved for return to service. <u>Michael P. Wright AIP 4956042</u>		

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ENGINE LOG

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REPAIRS --- ADJUSTMENTS

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ENGINE LOG

DATE 19 <u>87</u> <u>Feb 6</u>	DURATION <u>9900</u>	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
				I certify that this <u>C-47</u> has		
				been inspected in A/W with <u>Annual</u>		
				and has been determined to be in an		
				airworthy condition. Status of AD		
				compliance may be determined from		
				Aircraft records, AD checked to		
				<u>87-03M</u> . Approved for return		
				to service.		
				<u>Joseph E. Stanger</u>		
				<u>IA 1222383</u>		

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE
		HOURS	10THS		
1987					
3-27	1040.0			50 HR INSID, OIL CHANGED	
				<i>J. E. Langer</i>	
				HPD 1222383	
5-28-87					
I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR ANNUAL INSPECTION AND WAS DETERMINED TO BE IN A WORTHY CONDITION.					
		TACH TIME	1088.0		
		TIME IN SERVICE	1088.0		
		ENGINE TIME SINCE OVERHAUL			
				<i>Thomas E. Langer</i>	
				HPD 1222383	
3-29-87					
			1141.0		
				<i>Oil Changed.</i>	
				<i>J. E. Langer</i>	
				HPD 1222383	

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
1987						
8-28		1187.0		I CERTIFY THAT THIS AIRCRAFT-ENGINE & PROPS HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR-ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIR-WORTHY CONDITION.		
				TACH TIME 1187.0		
				TIME IN SERVICE 1187.0		
				ENGINE TIME SINCE OVERHAUL 1187.0		
				<i>Jeckling</i>		
				1187.0		
8-28	87	1187.0		Fire Pump & VAC gauge changed plus -	<i>Jeckling</i>	122283

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REPAIRS --- ADJUSTMENTS

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CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE 19 88	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICE NUM
		HOURS	IOths			
4/29	TACH TANK	1339.2		SERVICED w/ 8 QTS ALLOSHILL 65 APPROVED FOR RETURN TO SERVICE AJP 503687918		
5-13		1344.5		1) Replaced Lower Intake Seal #4 Cyl 2) Checked Comp #4 Cyl. 3) Serviced + Cleaned Fuel Injectors 4) Checked Mag Timing Approved for Return to Service Michael P. Wright AJP 495 604238		

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
8/8						
7/13	TACH	1384		TEUG 1384 100 HR 1038 C/W. CYLINDER COMP #1 7/13/80 #2 7/13/80 #3 7/28/80 #4 7/30/80, OIL & FILTER CHANGED. FILLED WITH 8 QTS 50W AEROSHELL DET. OIL, FUEL INJECTORS CLEANED. MIXTURE CABLE REPLACED. AIR FILTER REPLACED. RIGHT BEAR TOP BAFELING REPLACED. RUN UP, NO LEAKS. I CERTIFY THAT THIS ENGINE WAS INSPECTED TAW A 100 HR 1038 AND WAS DETERMINED TO BE IN APPROPRATE CONDITION.		
8/1/88	TACH	1431		OIL CHANGED, FILLED WITH 7 QTS 50W AEROSHELL DET. OIL.		
10/1/88	TACH	1458		C/W AD 78-09-07R3, IMPULSE COUPLING, IAW BEADLYX S.B. #599B. IMPULSE COUPLING O.K. NEXT DUE 1958 TACH. MAG TOTAL TIME IN SERVICE 1454 HOURS. MAG TYPE D4LW-2021. PART # 10-382555-11. S.N. # 13878.		

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DATE	DURATION	ACCUMULATED		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
19 88		TOTAL TIME				
	HOURS	10THS				

~~Total~~ Aircraft Tach Time 14.84 Hrs., Date 12/30/88
I certify that this ~~Aircraft~~/Engine has been
Inspected in Accordance with a ~~Visual~~ Inspection
and was Determined to be in Airworthy Condition
Jeffrey A. Pull
JEFFREY PULL

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
89						
4/18	TACH	1532	5	1) c/w 50 HR TUSP. 2) CLEANED, GAPPED & TESTED BOTTOM PLUGS 3) SEIZED w/ 8 QTS ALKOSHELL 100 APPROVED FOR RETURN TO SERVICE HOLLY MARY & AIR 503687918		
4/18	TACH	1584		1) c/w 100 HR TUSP. 2) REAR REAR PLUGS w/ new (8 EA PHM 38E) 3) REAR AIR & OR FETTER 4) REAR PROP SEAL & O' RINGS w/ new 5) CLEANED FUSIBLES 6) V MMS TENDERS 7) COUP V 1) 74/80 2) 71/80 3) 76/80 4) 72/80 8) AD V TO CORRECT OATL 9) SEIZED w/ 8 QTS ALKOSHELL 100 I CLEANED & TESTED HTHS BELOW INSPECTED IAW M 100 HR INSPECTED AND WTHS DETEIMNED TO BE IN ACCEPTABLE CONDITION HOLLY MARY & AIR 503687918		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE AIR 503687918

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE
		HOURS	10THS		
7/28	THU	16	34.0	1) SERVICED w/ 8 Oils Aeroshell 100 APPROVED FOR RETURN TO SERVICE A/S M. Murphy #AP 503687918	
7/12	THU	16	81.7	Complied with 100hr inspection 1) Replaced #4 cyl rear spark plug 2) Replaced seals #2 cyl pushrod tubes 3) repaired rear engine valve 4) painted rear of prop blades black	
1	74/80			I CERTIFY THAT THIS engine & prop HAS BEEN INSPECTED IN A/W WITH 100 hr AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION. STATUS OF AD COMPLIANCE MAY BE DETERMINED FROM AIRCRAFT RECORDS, AD CHECKED TO <u>current data</u> APPROVED FOR RETURN TO SERVICE.	
2	78/80				
3	74/80				
4	74/80				

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Michael Wright
AP 49560438

DATE	DURATION	ACCUMULATED	
		TOTAL TIME	HOURS
87			

REPAIRS ---- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER

SIGNATURE

LICENSE
NUMBER

Approved for return to service

Adriana Lopez 508682918

1) Serviced Spark Plugs

2) Remove and 'replaced' front engine nose seal		
---	--	--

3) Remove and replaced air filter

4) Replaced oil filter / serviced with Amsoil 65

I CERTIFY THAT THIS Engine & Prop HAS BEEN

INSPECTED IN A/VV WITH 1 Annual Insp. AND HAS

~~BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION.~~

~~STATUS OF AD COMPLIANCE MAY BE DETERMINED FROM~~

AIRCRAFT RECORDS, AD CHECKED TO current date

APPROVED FOR RETURN TO SERVICE.

Michael Wright
TA 495609258

DATE	19 90	
DURATION		
ACCUMULATED TOTAL TIME	HOURS	IOTHS
REPAIRS --- ADJUSTMENTS		
SIGNATURE		LICENSE NUMBER

DATE	19 70	
DURATION		
ACCUMULATED TOTAL TIME	HOURS	IOTHS
REPAIRS --- ADJUSTMENTS		
SIGNATURE		LICENSE NUMBER

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ENGINE LOG

DATE # 90	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
6/15	TACH	1820.0	0	CW 100 hr. inspection. Cleaned, gapped & tested plugs. R&R starter solenoid. Timed mag. Comp ✓ 1) 74/80 2) 78/80 3) 78/80 4) 79/80 Installed Cassia Service Kit SK 177-37F IAW service kit instructions. R&R oil and air filters. Serviced w/ 8QT Aeroshell 100. Ran engine. Leak. ✓ ok. AD's ✓ to current date. I CERTIFY THAT THIS <u>ENGINE</u> HAS BEEN INSPECTED IN A/W WITH 100 HR. TNSP. AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION. STATUS OF AD COMPLIANCE MAY BE DETERMINED FROM AIRCRAFT RECORDS, AS CHECKED TO DATE. APPROVED FOR RETURN TO SERVICE. <u>Ashley 2 May 18 ATP 503687918</u>		
6-15	TACH	1820.0		Installed flex line and steel fittings for prop governor oil line IAW 337 form this date. Complies with AD 90-04-06 <u>Michael Wright ATP 49560</u>		4238

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
1990	1845.0			1) Replaced both spark plugs in #3 cyl. with RHB 38E. 2) Replaced CHT probe 3) Replaced all 19r 1thor harness lead springs at spark plug end	Mike Wright ATP 495604238	
2/15/90						
1905.0				Removed & Replaced MARELLO FOR MUSTARD - PANTS - (MAGGORY SEE INVOICE #06907) REWORK THE - REPLACED BOTH MAGGORYS PIN LS10-3825077 1000 Rem - 08 OK. Replaced 1505 761619 A.D. 78-09-07 C/W		

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
11/9/91				THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE. DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION ORDER NO. <u>91144</u> DATE <u>7-19-91</u> SIGNED <u>Aven J. Jarmey AC</u> FOR <u>ALD'S THRU: ISSUE 91-12</u> (SIGNATURE OF AUTHORIZED REPRESENTATIVE) BUD'S AIRCRAFT <u>CJ42104M</u> C.R.S. CHARTER ANCHORAGE, ALASKA 99501 CERTIFICATE NO. 11 Comp test clw #1-78/80 #2 78/80 #3 76/80 #4 78/80 (2) Replaced oil filter + safted (3) Changed Oil A/S 50^W comp. 7 qts. (4) Replaced air filter		
11/16/91		2029.0		CHANGED OIL - 7 QTS ARROWHELL 30 WT.	<u>Paul Eddy</u>	

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