INSPECTION SUPPLEMENT AND WORK ORDER Page 5 of 8

Reg#: (N) 289 ND Work Order #: 1051495

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
14	R/H+L/H MLG brake calipers are leaking near piston	32 40	1	Removed & Replaced R/H & L/H MLG Brake caliper O-rings	32 40	N	3/3	.3		GC	GC
15	Both L/H MLG wheel Bearings and Races are worn.	32 40	1	Removed and Replaced Both L/H MLG wheel Bearings and Races	32 40	N	3/3	.2		Dgf	GC
16	R/H Nose wheel bearing and race is worn	32 40	1	Removed and Replaced Nose wheel Bearings & Races	32 40	N	3/3	.2		Dgf	GC
17	prop has nicks	61 00	1	Dressed Nicks on Prop	61 00	N	3/3	.2		GC	GC

INSPECTION SUPPLEMENT AND WORK ORDER Page 6 of 9

Reg#: (N) 289ND Work Order #: 1051495

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
18	R/H & L/H lower cowl	54 00	1	Removed & Replaced	54 00	N	3/3	.2		GR	
	bushings are worn			RH & LH lower cowl							
				Bushings							
19	alternate air door cable	75 10	1	resafetied alternate	75 10	N	3/3	.1		RL	
	attachment is not safetied			air door cable attatchment		N	3/3	.1		GR	
20	Nose gear actuator	32 20	1	Removed & Replaced	32 20	N	3/3	.5		GR	
	is leaking			NLG Actuator							
	P/N 455-997 S/N ~~497~~ 479			P/N 455-997 S/N 668							
21	LH & RH Brakes	32 40	1	Bleed LH &	32 40	N	3/3	.3		GR	
	need Bleed			RH Brakes			3/3	.3		DR	

INSPECTION SUPPLEMENT AND WORK ORDER Page 7 of 8

Reg#: (N) 289ND Work Order #: 051495

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
22	L/H outboard aileron	27 10	1	Removed + replaced	27 10	N	3/3	.2		Rev	
	pulley is flatspotted			L/H outboard aileron pulley		N	3/3	<1		CR	
23	Cabin dome light reostat	25 10	1	Tightened Dome light	25 10	N	3/3	.1		Dwf	
	jam nut is loose			Rheostat jam nut							
24	Shimmy dampner has	32 20	1	Removed and Replaced	32 20	N	3/3	.5		DWF	
	little resistance			Shimmy dampener.							
25	Engine fuel sump is	28 20	1	Readjusted engine	28 20	N	3/3	.1		Rev	
	rubbing against lower			fuel sump		N	3/3	<1		CR	
	cowl										

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) 289ND **Work Order #:** 1051495

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
26	NLG Drag Lnk	32 20	1	Removed & Replaced	32 20	N	3/3	.3		[illegible]	[illegible]
	Bushings worn			Drag Lnk Bushings							
27	Insp Time	05 60	1	Time	05/60	N	3/3	.5		[illegible]	[illegible]
				I certify the aircraft airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration with respect to the work performed and found to be airworthy and is approved for return to service. Certified Repair Station OG5R092N. Authorized Signature [signature] Date 3-3-06						

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School
rospace Sciences
versity of North Dakota
ox 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1005544
Mech: JDL
Shop Code: X
Equip Code: I
Opened: 8/25/2000 7:57

OBTAIN ALL INITIALS BEFORE FILING

R/A _____
Parts (opt) _____
Date closed: 8/29/00

Customer: UND Acct#: 0700-8261-801 Preliminary Insp [initials] In Progress Insp [initials]

N#: AcftType: Bill Meter: A/F Tach: Init _____

PN 456-015

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	REBUILD AND SERVICE SHIMMY DAMPENER DUE TO LEAKING	3220	1	~~REPACKED~~, DISASSEMBLED, CLEANED, REPLACED "O" RINGS/PACKINGS, SERVICED, REASSEMBLED	3220	N	8/29	1.0		(SS)	[initials]

I certify the aircraft airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration with respect to the work performed and found to be airworthy and is approved for return to service.
Certified Repair Station OG5R023N
Authorized Signature [signature]
Date 8-29-00

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1051745
Tech: CAB
Shop Code: F
Equip Code: A
Opened: 3/15/2006 16:11

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt'l) SMT

Date closed: 3/15/06

Customer: UND Acct#: 2059-2223-0

Preliminary Insp

In Progress Insp

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,190.9 A/F Tach: 3,855.9 Init CAB

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,028.3	4,028.3
IO-360-C1C6	L46651A	ENGINE (ARROW)	1,693.9	3,743.6
B2D34C213	000908	PROPELLER	1,514.9	4,017.2

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Tech	Insp
1	Gear didn't initially extend on downward. Didn't feel gear come down, Cycled gear couple Time finally Extended	32-10	1	Removed + Replaced Hydraulic pump ops check Good leak check Good + Serviced Reservoir	29/60	N	3/15	2.3		CAB	

I certify the aircraft airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration with respect to the work performed and found to be airworthy and is approved for return to service. Certified Repair Station OG5R092N.

Authorized Signature

Date 3-15-06

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sc
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO# 1052216
Tech: SFB
Shop Code: F
Equip Code: A
Opened 4/6/2006 16:09

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt)
Date closed: 4/06/06

Customer UND Acct# 2059-2223-0 Preliminary Insp MSB In Progress Insp

N# N289ND AcftType ARRO Model: PA28R-201 Bill Meter: 5,253.7 A/F Tach 3,903.8 Init SB

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,076.2	4,076.2
IO-360-C1C6	L46651A	ENGINE (ARROW)	1,741.8	3,791.5
B2D34C213	000908	PROPELLER	1,562.8	4,065.1

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Tech	Insp
1	Engine dies when key turned to 'R' mag	7410	1	Removed rt mag P/N 4370R S/N 02092313 and installed new P/N 4370 S/N 05112118, timed to engine data plate specs. Ops and leak check OK	7410	II	4/06	1.7		SB	
2	Rt aft cowl latch broken	7110	1	Replaced latch assy and aligned	7110	N	4/06	.4		SB	
3	Landing light inop	3340	1	Removed and replaced landing light. Ops Check good	3340	N	4/6	.3		NSP	
							4/06	.1		SB	

I certify the aircraft airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration with respect to the work performed and found to be airworthy and is approved for return to service.
Certified Repair Station OG5R092N

Authorized Signature
Date 4-5-06

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sc
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO# 1050269
Tech: MOK
Shop Code: W
Equip Code: A
Opened: 4/9/2006 9:42

OBTAIN ALL INITIALS BEFORE FILING

R/A dy
Parts (opt'l) dy

MK

Date closed: 4/9/06

Customer: UND Acct#: 2059-2223-0 Preliminary Insp _____ In Progress Insp _____

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,284.8 A/F Tach: 3,912.2 Init MOK

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,084.6	4,084.6
IO-360-C1C6	L46851A	ENGINE (ARROW)	1,750.2	3,799.9
B2D34C213	000908	PROPELLER	1,571.2	4,073.5

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Tech	Insp
1	A/C needs clean	12 20	1	Washed A/C	12 20	N	4/9	1.0		MOK	

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1052375
Tech: SFB
Shop Code: F
Equip Code: A
Opened: 4/12/2006 14:45

OBTAIN ALL INITIALS BEFORE FILING

R/A [initials]
Parts (optl) _____
Date closed: 04/12/06

Customer: UND Acct#: 2059-2223-0 Preliminary Insp MSB In Progress Insp [initials]

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,264.9 A/F Tach: 3,912.2 Init SB

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,084.6	4,084.6
IO-360-C1C6	L46651A	ENGINE (ARROW)	1,750.2	3,799.9
B2D34C213	000908	PROPELLER	1,571.2	4,073.5

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Tech	Insp
1	Phase 4 insp due	0520	1		0520	N	4/12	4.5		SB	[initials]
	Compressions					N	4/12	2.0		NSP	[initials]
	#1 75/80						4/12	2.5		[initials]	[initials]
	#2 71/80										
	#3 74/80										
	#4 75/80										
2	AD 2006-03-08	0400	1	N/A, Aero Advantage	3700	N	4/12	.1		SB	[initials]
	Aero Advantage vac			pumps not installed							
	pump due. Dated			on this acft							
	3/10/06										
3	AD 2002-26-01 Fuel	0400	1	Inspected lines and	7310	N	4/12	.2		SB	[initials]
	injection lines due			clearances, meets AD							
	Dated: 1/31/03			guidance. Next due: 3977.6							

I certify that this aircraft has been inspected in accordance with Phase 4 inspection, including, as applicable a routine inspection of ~~Cabin, Fuselage, Empennage, Wings,~~ Landing Gear and detailed inspection of Engine and propeller and was determined to be in airworthy condition, and is approved for return to service

Certified Repair Station OG5R092N

Authorized Signature [signature]

Date 4/12/06

INSPECTION SUPPLEMENT AND WORK ORDER Page 2 of 7

Reg#: (N) 289ND Work Order #: 1052375

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
4	S/B UND8 Wing Spar	0400	1	Inspected areas of	5710	N	4/12	.2		SB	
	Chafing insp due			concern, no marks							
				noted. Next due: 3967.6							
5	S/B 569 Crankshaft	0400	1	Does not apply per	7200	N	4/12	.1		SB	
	retirement due			engine S/N							
6	AD 2006-06-16 Crankshaft	0400	1	Does not apply per	7200	N	4/12	.1		SB	
	failure due. Dated			Lycoming MSB 566							
	4/27/06			and Supp 1							

INSPECTION SUPPLEMENT AND WORK ORDER Page 3 of 9

Reg#: (N) 289ND Work Order #: 1052375

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
7	SB 1161 Rib assy insp	0400	1	c/w recurrent insp,	5700	N	4/12	.2		EB	
	@ WS 49.25 due			updated AIMS							
8	Induction air filter	0510	1	removed and replaced	7160	N	4/12	.1		NSP	
	due change			induction air filter			4/12	.1		EB	
9	Lt mag timing off	7410	1	Adjusted L/H	7410	N	4/12	.3		NSP	
	externally			mag external timing			4/12	.1		EB	
				to specs							

INSPECTION SUPPLEMENT AND WORK ORDER Page 4 of 9

Reg#: (N) 289ND Work Order #: 1052375

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
10	Top exhaust shroud	2140	1	Removed and replaced	2140	N	4/12	1.0		NSP	
	end caps worn and/or			exhaust shroud end			4/12	.1		EB	
	cracked			caps							
11	Oil cooler winter	7170	1	Removed oil cooler	7170	N	4/12	.1		NSP	
	plate to be removed			winterization plate			4/12	.1		EB	
12	Rt main tire pressure	3240	1	Serviced R/H MLG tire	1210	N	4/12	.1		NSP	
							4/12	.1		EB	

INSPECTION SUPPLEMENT AND WORK ORDER Page 5 of 9

Reg#: (N) 289ND Work Order #: 1052375

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
13	Lt main tire worn	3240	1	Removed and replaced	3240	N	4/12	.5		NSP	
				Lt MLG tire			4/12	.1		SB	
14	NWS Shimmy dampner	3250	1	loosened NWS shimmy	3250	N	4/12	.1		NSP	
	attach bolt too tight			dampener and replaced			4/12	.2		SB	
				cotter pin							
15	Nose gear torque	3220	1	Removed and replaced	3220	N	4/12	.1		NSP	
	link cotter pin broken			NG torque link cotter pin			4/12	.1		SB	

INSPECTION SUPPLEMENT AND WORK ORDER Page 6 of 7

Reg#: (N) 289 ND Work Order #: 1052375

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
16	Spit window seal missing	5610	1	replaced seal	5610	N	4/12	.2		CS	
17	Prop nicked	61 00	1	dressed prop	61 00	N	4/12	.4		CS	
18	Oil door and doubler	7110	1	Removed and replaced	7110	N	4/12	.3		MSP	
	worn			oil door and doubler			4/12	.1		EB	

INSPECTION SUPPLEMENT AND WORK ORDER Page 7 of 9

Reg#: (N) 289ND Work Order #: 1052375

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
19 ~~20~~	Chafe tape missing from lower cowl in three areas	7110	1	Glued new A-56 tape in place as required	7110	N	4/12	.3		SB	
20	Alternate air door lever loose	7160	1	Replaced shim washers, checks OK	7160	N	4/12	.5		SB	
21	Brake reservoir ridiculously low	3240	1	Serviced brake reservoir to specs with MIL-5606A	1210	N	4/12	.1		NSP	
							4/12	.1		SB	

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) 289ND Work Order #: 1052375

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
22	#3 cyl lower ignition lead shielding worn @ clamp	7420	1	Removed and replaced #3 cyl lower ignition lead per Slick pub L-1039	7420	N	4/12	.6		SB	
23	Boost pump drain hose severely weathered	7170	1	Removed and replaced boost pump drain hose	7170	N	4/12 4/12	.2 .1		NSP SB	
24	both patches on #2 cyl. Bd. baffle are cracked	7230	1	removed patches fabricated and installed new patches IAW ACH3.13-1B per 4-53 and 4-57	7230	N	4/12	1.5		CS	

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) 289ND

Work Order #: 1052375

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
25	Alternate air swivel loose	7160	1	Replaced swivel	7160	N	4/12	.4		SB	
26	#2 cyl rocker cover gasket is leaking	72 30	1	removed and replaced gasket	72 30	N	4/12	.2			
27	Insp time	0560	1	Time	05/60	N	4/12	5			

I certify the aircraft airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration with respect to the work performed and found to be airworthy and is approved for return to service. Certified Repair Station OG5R092N.

Authorized Signature

Date 4-12-06

1. Approving National Aviation Authority/Country:	2.	3. Form Tracking
FAA/United States	**AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**	**5122N/438**

4. Organization		5. Work Order, Contract, Invoice or Pick No:
Michelin Aircraft Tire Corp. 515 Michelin Road, Building 56 Greenville, SC 29602	Michelin Aircraft Tyre – Siam Tyre Industry Co.,Ltd. 57 Moo 6 Nongplakradee Rd., Nongplamore, Nongkhae, Saraburi 18140	**DIDS5122N7** 0 Page Attached

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1.	**6.00-6/6/120** Aircraft Tire	**072-314-0**	TSO Article N/A	1	**5134W00007**	New

13. Remarks. :

DIRECT SHIPMENT AUTHORIZATION

Limited life parts must normally be accompanied by maintenance history including total time/total cycle/time since new.

14. Certifies the items identified above were manufactured in conformity to:

☒ Approved design data are in a condition for safe operation.
☐ Non-approved design data specified in Block 13.

19. ☐ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block

Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

15. Authorized Signature:	16. Approval/Authorization No:	20. Authorized Signature:	21. Approval Certificate Number:
Anant R.	**DMIR 511126 CE**	NA	NA
17. Name (typed or printed):	**18. Date:**	**22. Name (typed or printed):**	**23. Date:**
M. Anant Renseb	**16-May-05**	NA	NA

User/Installer Responsibilities

It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the Airworthiness Authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts part/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

FAA Form 8130-3 (6-01) *Installer must cross check eligibility with applicable technical data. NSN: 0052-00-012-9005

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1052483
Tech: JDL
Shop Code: F
Equip Code: A
Opened: 4/17/2006 17:46

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt)

Date closed: 4-17-06

Customer: UND Acct#: 2059-2223-0 Preliminary Insp Init In Progress Insp Init

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,271.5 A/F Tach: 3,917.5 Init

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,089.9	4,089.9
IO-360-C1C6	L46851A	ENGINE (ARROW)	1,755.5	3,805.2
B2D34C213	000908	PROPELLER	1,576.5	4,078.8

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Tech	Insp
1	Stall warning horn Inop. Only a clicking sound was heard when the stall warning vane was lifted up	31 40	1	Removed battery and charged. Installed charged battery, stall warning horn ops check good at this time	31 40	N	4/17	1.0			

I certify the aircraft airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration with respect to the work performed and found to be airworthy and is approved for return to service. Certified Repair Station OG5R092N.

Authorized Signature
Date 4-17-06

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1052535
Tech: CSG
Shop Code: F
Equip Code: A
Opened: 4/20/2006 15:26

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (optl)
Date closed: 4-20-06

Customer: UND Acct#: 2059-2223-0 Preliminary Insp Init In Progress Insp MSB

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,282.8 A/F Tach: 3,925.8 Init

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,098.2	4,098.2
IO-360-C1C6	L46851A	ENGINE (ARROW)	1,763.8	3,813.5
B2D34C213	000808	PROPELLER	1,584.8	4,087.1

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Tech	Insp
1	Fore fuel sump needs adjusted	28 20	1	Turned Fuel Sump to allow proper clearance in Bottom Seal through hole, leak checked good	28 20	N	4/20	.2		CSG	MSB
2	bolt on shimmy dampener that should be loose is tightened the way	32 20	1	Inspected shimmy dampener installation found to meet standards of PMM Chapt 32	32 20	N	4/20	.1		CSG	MSB
3	Spit window latch is broken	56 10	1	Removed & Replaced Spit window latch	56 10	N	4/20	.2		CSG	MSB

I certify the aircraft airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration with respect to the work performed and found to be airworthy and is approved for return to service. Certified Repair Station OG5R092N.

Authorized Signature
Date 4-20-06

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1052913
Tech: MES
Shop Code: F
Equip Code: A
Opened: 5/8/2006 16:01

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (optl)

Date closed: 5/8/06

Customer: UND Acct#: 2059-2223-0 Preliminary Insp MAA In Progress Insp MAA

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,319.8 A/F Tach: 3,954.5 Init MES

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,126.9	4,126.9
IO-360-C1C6	L46851A	ENGINE (ARROW)	1,792.5	3,842.2
B2D34C213	000908	PROPELLER	1,613.5	4,115.8

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Tech	Insp
1	Stall warning inop on preflight	3100	1	Inspected switch and horn, ops check S.O.K at this time	3140	N	5/8	.7		MES	MAA

I certify the aircraft airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration with respect to the work performed and found to be airworthy and is approved for return to service. Certified Repair Station OG5R092N.

Authorized Signature
Date 5/8/2006

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1052873
Tech: MES
Shop Code: F
Equip Code: A
Opened: 5/5/2006 20:39

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (optl) JWG
Date closed: 5-5-06

Customer: UND Acct#: 2059-2223-0 Preliminary Insp Init In Progress Insp Init

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,315.5 A/F Tach: 3,951.1 Init MES

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,123.5	4,123.5
IO-360-C1C6	L46651A	ENGINE (ARROW)	1,789.1	3,838.8
B2D34C213	000908	PROPELLER	1,610.1	4,112.4

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Tech	Insp
1	Turn coordinator only shows about 1/2 Standard Rate turn in left turns	3420	1	Removed and Replaced turn coordinator. P/N ON 1394T100-72 S/N OG C05-12539	3420	N	5/5	1.0		MES	Init
	P/N off 1394T100-72 S/N off B04-11059										

I certify the aircraft airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration with respect to the work performed and found to be airworthy and is approved for return to service. Certified Repair Station OG5R092N.

Authorized Signature
Date 5/5/2006

1. Approving National Aviation Authority/Country:	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Nu
FAA/UNITED STATES		WRK0076238

4. Organization Name and Address:	5. Work Order/Contract/Invoice Number:
MID-CONTINENT INSTRUMENT CO., INC 9400 E 34th ST. NORTH WICHITA, KS 67226 FAA CRS OL2R061L	WRK0076238

6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	TURN COORD.	1394T100-7Z 1394T100-7Z	N/A	1	C05-12539	REPAIRED

13. Remarks:

THE WORK ORDER REFERENCED DESCRIBES THE ACTUAL WORK PERFORMED.

ALL WORK WAS PERFORMED I.A.W MANUAL # 34-20-43 ORIGINAL 12/04

The work specified in block 12/13 except as otherwise specified was carried out in accordance with EASA Part 145 and in respect to that work the aircraft component is considered ready for release to service under EASA Approval Certificate Number EASA.145.4675.

14. Certifies the items identified above were manufactured in conformity to:

- ☐ **Approved design data and are in condition for safe operation.**
- ☐ **Non-approved design data specified in Block 13.**

19. ☒ **14 CFR 43.9 Return to Service** ☒ **Other regulation specified in Block 13**

Certifies that unless otherwise specified in block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

15. Authorized Signature:	16. Approval/Authorization No.:	20. Authorized Signature	21. Approval/Certificate No.:
		Randall K. Ferguson	FAA CRS OL2R061L
17. Name (Typed or Printed):	**18. Date (m/d/y):**	**22. Name (Typed or Printed):**	**23. Date (m/d/y):**
		RANDALL FERGUSON	April 25, 2006

User/Installer Responsibilities

It is important to understand that the existance of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the installer/user before the aircraft may be flown.

MID-CONTINENT INSTRUMENTS CO., INC.
9400 E 34TH ST. NORTH
WICHITA, KS 67226
FAA CRS OL2R061L

Final Work Order

WRK0076238

March 24, 2006

Nomenclature	Serial No	Location	RMA #	AR #
TURN COORD.	**C05-12539**	**KS**	**RMA000000093157**	**23049**
Manufacturer's Part No. **1394T100-7Z**	Model No. **1394T100-7Z**		Quantity **1**	
Manufacturer **EGC**	Customer Item Number		Service Period	
Customer **UNIVERSITY OF NORTH DAKOTA**	Customer PO No. **413703/1020174**		Customer Reference No.	

Reason For Removal

1 OF 5 UNITS
INOP. OVERHAUL/REPAIR AND RETURN.

Work Instructions

Warranty Repair X Overhaul_____ Return As Is_____

Functional Test_____ Repair_____ Modified _____

Special Instructions

Panel Tilt: 0 DEG. Input: 12-32 VDC LTG: N

Preliminary Inspection

Seals Broken No Cover Damaged No Hidden Damage Inspection Required No

Finding

Nameplate Damaged No

Preliminary Inspector ROBIN FREEMAN Date March 27, 2006

Failure Analysis BRUSH ALIGN/WEAR/TE

Customer Complaint Verified

BRUSHES NOT MAKING GOOD CONTACT WITH COMMUTATOR
CAUSING INOP CONDITION.

Previous Service Bulletins Installed: N/A

Work Accomplished

REPAIRED AS NECESSARY, TESTED TO MFG. SPEC.
DISASSEMBLED, CLEANED, REPLACED ALL PARTS LISTED, BALANCED, CALIBRATED, ASSEMBLED, AND TESTED.

I.A.W Manual # 34-20-43 ORIGINAL 12/04
Outgoing Service Bulletins N/A

Technician NHAT NGUYEN Date April 25, 2006

In-Process Inspector KHA NGUYEN Date April 25, 2006

FINAL INSPECTOR RANDALL FERGUSON Date April 25, 2006

Parts Used

Part Number	Part Description	Quantity
1234193-5	FLAG INDICATOR	1
1234225-3	WHEEL ASSY	1
1394288	BRUSH GUIDE	1

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1052913
Tech: MES
Shop Code: F
Equip Code: A
Opened: 5/8/2006 16:01

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (optl)

Date closed: 5/8/06

Customer: UND Acct#: 2059-2223-0 Preliminary Insp MOA In Progress Insp MOA

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,319.8 A/F Tach: 3,954.5 Init MEI

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,126.9	4,126.9
IO-360-C1C6	L46651A	ENGINE (ARROW)	1,792.5	3,842.2
B2D34C213	000908	PROPELLER	1,613.5	4,115.8

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Tech	Insp
1	Stall warning inop on preflight	3140	1	Inspected switch and Horn, ops checks o.k at this time	3140	N	5/8	.7		MEI	MOA

I certify the aircraft airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration with respect to the work performed and found to be airworthy and is approved for return to service. Certified Repair Station OG5R092N.

Authorized Signature
Date 5/8/2006

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1053041
Tech: SJC
Shop Code: F
Equip Code: A
Opened: 5/16/2006 12:17

OBTAIN ALL INITIALS BEFORE FILING

R/A [initials]
Parts (opt) _____
Date closed: 5/16/06

Customer: UND Acct#: 2059-2223-0 Preliminary Insp _____ In Progress Insp _____

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,330.5 A/F Tach: 3,963.9 Init [initials]

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,136.3	4,136.3
IO-360-C1C6	L46651A	ENGINE (ARROW)	1,801.9	3,851.6
B2D34C213	000908	PROPELLER	1,622.9	4,125.2

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Tech	Insp
1	CO-Pilots	2560	1	replaced hammer	2560	N	5/16	.5		SJC	
	shoulder hammer			Rt FWD gpr							
	wont retract			OK							

[signature]
A&P 502767224

1. National Aviation ity/Country: NITED STATES	2. **AUTHORIZED RELEASE CERTIFICATE** FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number. **W209364-271750-2**
zation Name and Address. **Pacific Scientific P94R580N** **AVIATION SERVICES COMPANY** **11700 NW 102nd ROAD** **SUITE 6** **MIAMI, FL 33178**		5. Work Order, Contract or Invoice Number: 1019818

Item	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	REEL ASSEMBLY	1107447-13	N/A	1	N/A	REPAIRED

13. REMARKS

Unit was repaired IAW manufacturers approved data.

Technical Data Used
1107447 Rev: N Rev Date: 7/2/2001

SB A25-1124A HAS BEEN COMPLIED WITH (SHAFT REPLACEMENT)

14. Certifies the items identified above were manufactured in conformity to:

☐ Approved design data and are in a condition for safe operation.

☐ Non-approved design data specified in Block 13

19 ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 13

Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

15. Authorized Signature:	16. Approval Authorization No:	20. Authorized Signature: Lisa Hernandez	21. Approval/Certifcate No: **P94R580N**
17. Name (Typed or Printed):	18. Date (m/d/y): 9:45 AM	22. Name (Typed or Printed): **Lisa Hernandez**	23. Date (m/d/y): May/8/2006

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1 it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statement in Blocks 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

Scientific
SERVICES COMPANY
102nd ROAD
FL 33178
5-477-4711, Fax: 305-477-9799

Work Order
W209364

Page: 1

Part Number: 1107447-13 **Qty:** 1 **Description:** REEL ASSEMBLY
Customer: UNIVERSITY OF NORTH DAKOTA
Customer P.O.: 1019818

Technical Data: DATA TYPE / NUMBER / REVISION / REV DATE
1107447 N 7/2/2001

Evaluation

Customers remark:

Customer requests inspect and repair as necessary

FRAYED

Results from evaluation:

Parts were found to be corroded, worn or damaged.

Unit(s) webbing frayed beyond acceptable limits.

Work to be performed:

Unit is to be repaired IAW Mfr technical data.

Initial Evaluation

Work Instructions:

Verify Technical Data

Verify the revision level and date of drawing 1107447. Revision= N Revision Date= 7/2/01

The following Service Bulletins, Engineering Orders, are associated with part number. Verify information below:

SB: A25-1124A EO/ESO: none

Verified by: Pac Sci 19 Miami Stamp 4/20/06 mo da yr

Initial inspection

Initial Inspection: The technician shall inspect the unit for damage, unapproved parts and any non-conforming conditions. Verify the customer has correctly identified the unit. Record the following information:

Unit is correctly identified: (YES) NO

1) Webbing condition: Good_____needs replacing ✓ Existing Color. Black

Remarks none

Pac Sci 19 Miami

Initial Inspection Completed by: _____ Stamp 4/20/06 mo da yr

Disassemble and evaluate

Cut the webbing from the existing hardware. Verify that the existing hardware is serviceable. Inspect for hiddend damaged

Remarks none

Work perfomed by: Pac Sci 8 Miami Pac Sci 6 Miami Stamp 5/6/06 mo da yr

Released to Shop

c Scientific
SERVICES COMPANY
102nd ROAD

FL 33178

05-477-4711, Fax: 305-477-9799

Work Order
W209364

Work Instructions:

Assemble and Sew to drawing requirements

Assemble and sew the webbing in accordance with the manufacturer's drawings.

Re-assemble the reel and strap. Adjust for proper operation.

Work performed by: [PacSci 18 Miami] 5/6/06
Stamp mo da yr

Calibrate reel

Test the reel in accordance with IT 575 Perform retraction force test. Pass ✓ Fail _____

Must lock = .95 g No lock = .37 g

Unit calibrated by: [PacSci 8 Miami] [PacSci 8 Miami] 5/6/06
Stamp mo da yr

Final assembly

Complete the assembly in accordance with manfucturer's drawings and/or customer's Engineering orders.

SB complied with: ✓ yes ___ no C/W A25-1124A

EO/ESO complied with: ___ yes ___ no —

Work performed by: [PacSci 8 Miami] [PacSci 8 Stamp] 5/6/06
mo da yr

Cell leader acceptance

Work was performed in accordance with Manufacturer's specifications and/or customer engineering orders.

Verified by: [PacSci 19 Miami] 5/8/06
Stamp mo da yr

Inspection

Work Instructions:

Final Inspection

Inspected the unit IAW manufacturer's drawings, and/or customer's engineering order.

This certifies that the work specified in this work order was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part is approved for return to service. MAY 08 2006

Return to service by: Lisa Hernandez ___/___/___ [PAC SCI 60 Miami]
Signature mo da yr Stamp

ACIFIC
NTIFIC
VICES COMPANY

Miami
11700 N.W. 102nd Road
Suite 6, Miami, FL 33178
Phone: (305) 477-4711
Fax: (305) 477-9799
www.pacscimiami.com

Dallas
2156 W. Northwest Highway, Suite 314, Dallas, TX 75220
Phone: (214) 574-4200 Fax: (214) 574-4210
Louisville
6200 Poplar Tree Court, Louisville, KY 40228
Phone: (502) 969-9788 Fax: (502) 961-6037

Packing Slip

Invoice #: M215946
Invoice Date: 5/8/2006
Cust. PO#: 1019818
ORIGINAL
Page: 1

Sold To:
UNIVERSITY OF NORTH DAKOTA
CENTER FOR AEROSPACE SCIENCES
PO BOX 9007
GRAND FORKS, ND 58202-9007
USA
Ph: 701 777 7917 Fax: 701 777 7929

Ship To:
UNIVERSITY OF NORTH DAKOTA
CENTER FOR AEROSPACE SCIENCES
2798 AIRPORT DRIVE
GRAND FORKS, ND 58203
USA

Sales Order: S183918
Customer #: 100933
Terms: NET 30
Order Date: 5/8/2006
Ship Date: 5/8/2006

Shipment #: 1
FOB: COLLECT
Ship Via: UPS GROUND
Account No. V60390
AWB:

Item	Part Number	Description	Shipped	BkOrd	CD	Unit Price	Ext Price
1	1107447-13	REEL ASSEMBLY	1	0	RP		

CERTIFICATE OF CONFORMANCE

This certifies that the unit(s) shipped herewith have been subjected to all necessary tests, and test data showing conformance with the applicable specification, as well as test reports covering the material of these parts showing conformance with the applicable requirements, are enclosed or, are on file at this facility or at the manufacturer's plant.

Authorized Signature: _____ Date: 5/8/2006

Michael Dziuba
Director of Quality

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1053085
Tech: SFB
Shop Code: F
Equip Code: A
Opened: 5/17/2006 17:40

OBTAIN ALL INITIALS BEFORE FILING

SP

R/A SP

Parts (opti) _____

Date closed: 5/18/06

Customer: UND Acct#: 2059-2223-0 Preliminary Insp _____ In Progress Insp _____

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,341.2 A/F Tach: 3,970.6 Init: SB

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,143.0	4,143.0
IO-360-C1C6	L46651A	ENGINE (ARROW)	1,808.6	3,858.3
B2D34C213	000908	PROPELLER	1,629.6	4,131.9

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Tech	Insp
1	Stall warning horn inop on preflight	3140	1	Could not duplicate. Checked battery servicing, no defects Scott F Baker A&P 2856702	3140	N	5/18	.7		SB	

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO# 1053122
Tech: JME
Shop Code: W
Equip Code: A
Opened: 5/19/2006 14:18

OBTAIN ALL INITIALS BEFORE FILING

R/A _____
Parts (opt'l) _____

Date closed: 5/19/06

Customer: UND Acct#: 2059-2223-0 Preliminary Insp _____ In Progress Insp _____

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,344.2 A/F Tach: 3,872.7 Init JME

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,145.1	4,145.1
IO-360-C1C6	L46851A	ENGINE (ARROW)	1,810.7	3,860.4
B2D34C213	000908	PROPELLER	1,631.7	4,134.0

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Tech	Insp
1	A/C Requires cleaning	12 20	1	Cleaned aircraft	12 20	N	5/19	1.2		JME	

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO# 1053135
Tech: CME
Shop Code: F
Equip Code: A
Opened: 5/22/2006 7:00

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt!)
Date closed: 5-23-06

Customer: UND Acct# 2059-2223-0 Preliminary Insp In Progress Insp

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,344.2 A/F Tach: 3,972.7 Init CME

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,145.1	4,145.1
IO-360-C1C6	L46651A	ENGINE (ARROW)	1,810.7	3,860.4
B2D34C213	000908	PROPELLER	1,631.7	4,134.0

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Tech	Insp
1	Phase 1 insp due	05 20	1		05 20	N	5/22	4.5		CME	
							5/22	4.5		MES	
							5/23	2.0		CME	

I certify that this aircraft has been inspected in accordance with Phase 1 inspection, including, as applicable a routine inspection of Engine, Propeller, Wings and Landing Gear and detailed inspection of Fuselage Cabin and Empennage and was determined to be in airworthy condition, and is approved for return to service

Certified Repair Station OG5R092N
Authorized Signature Chad Mann
Date 5-23-06

2	SB UND4 ELT "G"	0400	1	c/w und S.B. 4 by Functional	0400	N	5/22	.5		MES	
	Switch test			check of G-switch, ops							
	Rev 12/21/04			checks o.k.							
				Next due 4217.6							

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) 289

Work Order #: 105313C

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
3	SB LIN08 Wing Spar chafting Rev 7/15/05	04 00	1	Inspected no Chafting noted next due @ 4037.6	04 00	N	5/22	.2		CME	
4	SL 1087 Wing aft spar bolt torque check Rev 3/30/05	04 00	1	checked torque next due @ 4097.6	04 00	N	5/22	.2		CME	
5	SB 569A Crankshaft retirement for certain engs. Rev 4/11/06	04 00	1	NA by ser #	04 00	N	5/22	.2		CME	
6	AD 2002-26-01 fuel Inj liner Incp. Rev 1/31/03	04 00	1	Inspected no defect noted next due @ 4037.6	04 00	N	5/22	.2		CME	

INSPECTION SUPPLEMENT AND WORK ORDER Page 3 of 5

Reg#: (N) 288 Work Order #: 1053135

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
7	Instrument filter replacement Due	05 20	1	Replaced instrument Air filters Next due 4472.7	37 10	N	5/22	.7		MES	
8	Prop has nicks	6100	1	Blended Areas and Painted	6100	N	5/22	.5		MES	
9	RS top cowl bushing worn	71 10	1	Replaced Bushings	71 10	N	5/22	.4		MES	
10	Copilots seat back Cracked	2510	1	Installed New Repair piece IAW AC43-13.1B Ch 4, Para 57	2510	N	5/22	1.3		MES	

INSPECTION SUPPLEMENT AND WORK ORDER

Page 4 of 5

Reg#: (N) 289

Work Order #: 105135

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
11	trim tab has excessive play	27 30	1	Removed trim tab bracket	27 30	N	5/22	1.0		CME	
			2	Installed new trim bracket		N	5/22	1.5		CME	
12	Nose wheel worn	32 20	1	Replaced tire with new	32 30	N	5/22	1.0		MES	
13	trim tab Aft Cable frayed	27 30	1	Removed cable	27 30	N	5/22	1.0		CME	
			2	Installed new cable set tensions and safetied		N	5/23	1.0		CME	
14	SB 116, Rib assy insp @ 4925 (recurring) Rev 3/8/06	04 00	1	Inspected no defect noted next due @ 4037.6	04 00	N	5/23	.3		CME	

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) 284

Work Order #: 105125

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
15	Inspector time	05 60	1	Time	05 60	N	5/23	2.0			

I certify the aircraft airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration with respect to the work performed and found to be airworthy and is approved for return to service.
Certified Repair Station OG5R092N

Authorized Signature

Date 5-23-06

1. Approving National Aviation Authority/Country:	2.	3. Form Tracking Num
FAA/United States	**AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**	**5366N/54**

4. Organization		5. Work Order, Contract, Invoice or Pick No:
Michelin Aircraft Tire Corp. 515 Michelin Road, Building 56 Greenville, SC 29602	Michelin Aircraft Tyre – Siam Tyre Industry Co.,Ltd. 57 Moo 6 Nongplakradee Rd., Nongplamore, Nongkhae, Saraburi 18140	**DIDS5366N1** 0 Page Attached

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1.	**5.00-5/6/120** Aircraft Tire	**072-312-0**	TSO Article N/A	1	**5305W00233**	New

13. Remarks. :

DIRECT SHIPMENT AUTHORIZATION

Limited life parts must normally be accompanied by maintenance history including total time/total cycle/time since new.

14. Certifies the items identified above were manufactured in conformity to:

☒ Approved design data are in a condition for safe operation.
☐ Non-approved design data specified in Block 13.

19. ☐ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block

Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

15. Authorized Signature:	16. Approval/Authorization No:	20. Authorized Signature:	21. Approval Certificate Number:
Anant R.	**DMIR 511126 CE**	NA	NA
17. Name (typed or printed):	**18. Date:**	**22. Name (typed or printed):**	**23. Date:**
M. Anant Renseb	**08-Nov-05**	NA	NA

User/Installer Responsibilities

It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the Airworthiness Authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts part/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1053276
Tech: MSB
Shop Code: F
Equip Code: A
Opened: 5/27/2006 14:18

OBTAIN ALL INITIALS BEFORE FILING

R/A [initials]
Parts (optl) _____
Date closed: 5·28·06

Customer: UND Acct#: 2059-2223-0 Preliminary Insp _____ In Progress Insp _____

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,356.8 A/F Tach: 3,982.6 Init MSB

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,155.0	4,155.0
IO-360-C1C6	L46651A	ENGINE (ARROW)	1,820.6	3,870.3
B2D34C213	000908	PROPELLER	1,641.6	4,143.9

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Tech	Insp
1	Stall horn does not	31 40	1	Charged battery and reinstalled	31 40	N	5-27	.8		MSB	
	work			stall horn still intermittent							
			2	Replaced stall horn with new	31 40	N	5-28	.5		MSB	
				ops. ck good [signature]			A+P 501709661				

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1053469
Tech: SJC
Shop Code: A
Equip Code: A
Opened: 6/6/2006 11:21

OBTAIN ALL INITIALS BEFORE FILING

R/A [initials]
Parts (optl) _____
Date closed: 6/6/06

Customer: UND Acct#: 2059-2223-0 Preliminary Insp _____ In Progress Insp _____

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,374.2 A/F Tach: 3,996.3 Init [initials]

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,168.7	4,168.7
IO-360-C1C6	L46651A	ENGINE (ARROW)	1,834.3	3,884.0
B2D34C213	000908	PROPELLER	1,655.3	4,157.6

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Tech	Insp
1	landing lt inop (MEI)	3340	1	replaced lamp opk OK	3340	N	6/6	.5		SA	
				[signature] HAP 502767224							

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1053655
Tech: MSB
Shop Code: F
Equip Code: A
Opened: 6/13/2006 17:45

OBTAIN ALL INITIALS BEFORE FILING

R/A [signature]
Parts (optl) _____
Date closed: 6-13-06

Customer: UND Acct#: 2059-2223-0 Preliminary Insp _____ In Progress Insp _____

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,397.7 A/F Tach: 4,015.7 Init MSB

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,188.1	4,188.1
IO-360-C1C6	L46651A	ENGINE (ARROW)	1,853.7	3,903.4
B2D34C213	000908	PROPELLER	1,674.7	4,177.0

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Tech	Insp
1	Spinner cuff broken	61 10	1	Installed new spinner cuff	61 10	N	6-13	.5		MSB	
				Mike Budzyn · A+P 501709661							

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1053723
Tech: JEB
Shop Code: F
Equip Code: A
Opened: 6/16/2006 10:00

OBTAIN ALL INITIALS BEFORE FILING

R/A [initials]
Parts (optl) _____
Date closed: 6/16/06

Customer: UND Acct#: 2059-2223-0 Preliminary Insp _____ In Progress Insp _____

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,400.2 A/F Tach: 4,016.7 Init JEB

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,189.1	4,189.1
IO-360-C1C6	L46651A	ENGINE (ARROW)	1,854.7	3,904.4
B2D34C213	000908	PROPELLER	1,675.7	4,178.0

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Tech	Insp
1	R/H stab., static wick broken.	23 60	1	Replaced static wick. [signature] A+P502641606	23 60	N	6 16	.5		JEB	

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1053905
Tech: JWG
Shop Code: W
Equip Code: A
Opened: 6/28/2006 10:56

OBTAIN ALL INITIALS BEFORE FILING

R/A 84
Parts (opt'l) _____

84

Date closed: 6-26-06

Customer: UND Acct# 2059-2223-0 Preliminary Insp _____ In Progress Insp _____

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,420.5 A/F Tach: 4,032.8 Init JWG

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,205.2	4,205.2
IO-360-C1C6	L46651A	ENGINE (ARROW)	1,870.8	3,920.5
B2D34C213	000908	PROPELLER	1,891.8	4,194.1

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Tech	Insp
1	A/C ~~was~~ dirty	12 20	1	cleaned interior & exterior of A/C	12 20	N	6-26	1.2		JWG	

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1053911
Tech: GJR
Shop Code: F
Equip Code: A
Opened: 6/26/2006 14:55

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt'l)
Date closed: 6-26-06

Customer: UND Acct#: 2059-2223-0 Preliminary Insp Inprogress Insp

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,420.5 A/F Tach: 4,032.8 Init:

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,205.2	4,205.2
IO-360-C1C6	L46651A	ENGINE (ARROW)	1,870.8	3,920.5
B2D34C213	000908	PROPELLER	1,691.8	4,184.1

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Tech	Insp
1.	Phase II	05/00	I		05/20	N	6/26	5.0			
	Insp Due					N	6/26	4.0			

I certify that this aircraft has been inspected in accordance with Phase 2 inspection, including, as applicable a routine inspection of Cabin, Fuselage, Empennage, Wings, Landing gear and detailed inspection of Engine, propeller and was determined to be in airworthy condition, and is approved for return to service
Certified Repair Station OG5R092N
Authorized Signature
Date 6-26-06

2.	AD 2002-26-01 Fuel injection line Insp Due 1-31-03	04/00	I	Inspected fuel injection lines no defects noted. Next due @ 4097.6	78/10	N	6/26	.3			

INSPECTION SUPPLEMENT AND WORK ORDER Page 2 of 6

Reg#: (N) 289ND Work Order #: 1053911

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACG	Date	Hrs	OT	Mech	Insp
3.	SB 1161 Rib assy	05/10	1	Inspected Rib Assy.	57/10	N	6/26	.3			
	Insp @ 49.25 Due			no cracks noted							
4.	SB UM 8 Wing Spar	57/10	1	Inspected Wing Spar	57/10	N	6/26	.2			
	chaffing Due			no chaffing noted							
5.	POH Rev 17	25/10	1	Installed POH	25/10	N	6/26	.1			
	Arrow Due			Rev 17 in Arrow							

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) 289NJ

Work Order #: 1053911

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
6	PAH Rev 18	25/10	1	Installed PAH	25/10	N	6/26	.1			
	Arrow Dnc			Rev 18 in Arrow							
7	RH MLG Tire Worn	32/10	1	Removed & Replaced	32/10	N	6/26	.3			
				RH MLG Tire							
8	Bottom cowling plastic	71/10	1	Removed & Replaced	71/10	N	6/26	.2			
	bushings for upper			plastic bushings on							
	cowl pin Worn			Bottom cowl							

INSPECTION SUPPLEMENT AND WORK ORDER Page 4 of 6

Reg#: (N) 289ND Work Order #: 1053911

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
9	Air filter dirty	71/60	1	Removed & Replaced Air filter Next due @ 4232.8	71/60	~	6/26	.2		[illegible]	[illegible]
10	#3 cyl bottom plug lead needs to be repaired on Plug end	74/20	1	Repaired spring & boot on end of lead	74/20	N	6/26	.5		[illegible]	[illegible]
11	Cabin heat shroud Intake tube torn	71/60	1	Removed & Replaced tube	71/60	N	6/26	.2		[illegible]	[illegible]

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) 289 NT

Work Order #: 1153911

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
12	R/H MLG tire inner tube worn	32/40	1	Removed & Replaced R/H MLG inner tube	32/40	N	6/26	.1		GR	[illegible]
13	Shimmy dampner Rod end bent	32/20	1	Removed & Replaced shimmy dampner Rod end	32/20	N	6/26	.2		GR	[illegible]
14	CoPilot Shoulder harness reel rough when extended	25/10	1	Removed & Replaced Shoulder harness	25/10	N	6/26	.5		[illegible]	[illegible]

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) 289ND

Work Order #: 1053911

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
15	Inspection Time	05/60	1	Time	05/60	N	6/26	2.0			

I certify the aircraft airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration with respect to the work performed and found to be airworthy and is approved for return to service. Certified Repair Station OG5R092N.

Authorized Signature

Date 6-26-06

1. Approving National Aviation Authority/Country:	2.	3. Form Tracking
FAA/United States	**AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**	**6008/66**

4. Organization	5. Work Order, Contract, Invoice or Pick No:
Michelin Aircraft Tire Corp. 515 Michelin Road, Building 56 Greenville, SC 29602 Michelin Aircraft Tyre – Siam Tyre Industry Co.,Ltd. 57 Moo 6 Nongplakradee Rd., Nongplamore, Nongkhae, Saraburi 18140	**DIDS6008N2** 0 Page Attached

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1.	**6.00-6/6/120** Aircraft Tire	**072-314-0**	TSO Article N/A	1	**6007W00305**	New

13. Remarks. :

DIRECT SHIPMENT AUTHORIZATION

Limited life parts must normally be accompanied by maintenance history including total time/total cycle/time since new.

14. Certifies the items identified above were manufactured in conformity to:

☒ Approved design data are in a condition for safe operation.
☐ Non-approved design data specified in Block 13.

19. ☐ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block

Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

15. Authorized Signature:	16. Approval/Authorization No:	20. Authorized Signature:	21. Approval Certificate Number:
	DMIR 511237 CE	NA	NA
17. Name (typed or printed):	**18. Date:**	**22. Name (typed or printed):**	**23. Date:**
M. Jittakorn Sukto	**11-Jan-06**	NA	NA

User/Installer Responsibilities

It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the Airworthiness Authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts part/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

nal Aviation ountry:	2. **AUTHORIZED RELEASE CERTIFICATE** FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number. **W210592-273387-2**
ITED STATES		
zation Name and Address.	**Pacific Scientific P94R580N** **AVIATION SERVICES COMPANY** **11700 NW 102nd ROAD** **SUITE 6** **MIAMI, FL 33178**	5. Work Order, Contract or Invoice Number: 102597

6. Item	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	REEL ASSEMBLY	1107447-13	N/A	1	N/A	REPAIRED

13. REMARKS

Unit was repaired IAW manufacturers approved data.

1107447 Rev: N Date: 7/2/2001

SB A25-1124A HAS BEEN COMPLIED WITH (SHAFT REPLACEMENT)
PAC PN : 452-680

Pacific Scientific certifies that the work specified in block 12/13 was carried out in accordance with EASA Part-145 and with respect to that work the aircraft component is considered ready for release to service under EASA Part-145 Approval Number: EASA.145.5406.

14. Certifies the items identified above were manufactured in conformity to:

☐ Approved design data and are in a condition for safe operation.

☐ Non-approved design data specified in Block 13

19 ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 13

Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

15. Authorized Signature:	16. Approval Authorization No:	20. Authorized Signature:	21. Approval/Certifcate No:
			P94R580N
17. Name (Typed or Printed):	18. Date (m/d/y):	22. Name (Typed or Printed):	23. Date (m/d/y):
		Martin Weiss	May/22/2006

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1 it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statement in Blocks 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

Scientific
RVICES COMPANY
02nd ROAD
FL 33178
305-477-4711, Fax: 305-477-9799

Work Order
W210592

Part Number: 1107447-13 **Qty:** 1 **Description:** REEL ASSEMBLY
Customer: UNIVERSITY OF NORTH DAKOTA
Customer P.O.: 102597

Technical Data: DATA TYPE / NUMBER / REVISION / REV DATE
1107447 N 7/2/2001

Evaluation

Customers remark:

Customer requests inspect and repair as necessary

Results from evaluation:

Reel needs rewebb, repair, and recalibration.

Work to be performed:

Unit is to be repaired IAW Mfr technical data.

Initial Evaluation

Work Instructions:

Verify Technical Data

Verify the revision level and date of drawing 1107447 Revision= N Revision Date= 7/2/01

The following Service Bulletins, Engineering Orders, are associated with part number. Verify information below:

SB: A2T-1124A EO/ESO: none

Verified by: PacSci 19 Miami Stamp 5/12/06 mo da yr

Initial inspection

Initial Inspection: The technician shall inspect the unit for damage, unapproved parts and any non-conforming conditions. Verify the customer has correctly identified the unit. Record the following information:

Unit is correctly identified: (YES) NO

1) Webbing condition: Good_____needs replacing ✓ Existing Color. Black

Remarks none

PacSci 19 Miami

Initial Inspection Completed by: _____ Stamp 5/12/06 mo da yr

Disassemble and evaluate

Cut the webbing from the existing hardware. Verify that the existing hardware is serviceable. Inspect for hiddend damaged

Remarks none

Work perfomed by: PacSci 8 Miami PacSci 5 _____ Stamp 5/19/06 mo da yr

Released to Shop

Work Instructions:

Scientific
SERVICES COMPANY
102nd ROAD
, FL 33178
: 305-477-4711, Fax: 305-477-9799

Work Order
W210592

Assemble and Sew to drawing requirements

Assemble and sew the webbing in accordance with the manufacturer's drawings.

Re-assemble the reel and strap. Adjust for proper operation.

Work performed by: Pac Sci 8 Miami Pac Sci 6 Miami 5,19,06
Stamp mo da yr

Calibrate reel

Test the reel in accordance with IT 575 Perform retraction force test. Pass ✓ Fail ____

Must lock = 25 g No lock = 37 g

Unit calibrated by: Pac Sci 8 Miami Pac Sci 6 Miami 5,19,06
Stamp mo da yr

Final assembly

Complete the assembly in accordance with manfucturer's drawings and/or customer's Engineering orders.

SB complied with: ____yes____no C/W A05-1124A

EO/ESO complied with: ___yes___no ✓

Work performed by: Pac Sci 8 Miami Pac Sci 6 Miami 5,19,06
Stamp mo da yr

Cell leader acceptance

Work was performed in accordance with Manufacturer's specifications and/or customer engineering orders.

Verified by: Pac Sci 19 Miami 5,19,06
Stamp mo da yr

Inspection

Work Instructions:

Final Inspection

Inspected the unit IAW manufacturer's drawings, and/or customer's engineering order.

This certifies that the work specified in this work order was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part is approved for return to service.

Return to service by: [signature] 5,22,06 SCI Pac Co Miami
Signature mo da yr Stamp

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WO#: 1053938
Tech: SJC
Shop Code: F
Equip Code: A
Opened: 6/29/2006 8:50

OBTAIN ALL INITIALS BEFORE FILING

R/A: SJ
Parts (opt'l):

SJ

Date closed: 6/29/06

Customer: UND Acct#: 2059-2223-0 Preliminary Insp: Jeff In Progress Insp: Jeff

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,429.2 A/F Tach: 4,038.5 Init: SJ

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,210.9	4,210.9
IO-360-C1C6	L40651A	ENGINE (ARROW)	1,876.6	3,826.2
B2D34C213	000908	PROPELLER	1,697.5	4,199.8

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACD	Date	Hrs	DT	Tech	Insp
1	Gear pump started to run until CB popped -	3260	1	raised aircraft on jacks - no external leaks noted - performed gear retraction pump stopped as normal - gear remained up without drop in pressure - several gear cycles normal, removed from jacks	3260	N	6/29	1.0	SJ	SJ	

I certify the aircraft airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration with respect to the work performed and found to be airworthy and is approved for return to service. Certified Repair Station OG5R692N.

Authorized Signature: [signature]
Date: 6-29-06

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1054174
Tech: SJC
Shop Code: F
Equip Code: A
Opened: 7/12/2006 12:50

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt'l)
Date closed: 7/12/06

Customer: UND Acct#: 2059-2223-0 Preliminary Insp ____ In Progress Insp ____

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,458.1 A/F Tach: 4,062.6 Init

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,235.0	4,235.0
IO-360-C1C6	L46651A	ENGINE (ARROW)	1,900.6	3,950.3
B2D34C213	000908	PROPELLER	1,721.6	4,223.9

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Tech	Insp
	Rt rear cowl latch broke	7100	1	replaced latch assy - op ck OK	7100	N	7/12	.5		SA	
				HobbS 4276.7							

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1054187
Tech: GJR
Shop Code: F
Equip Code: A
Opened: 7/12/2006 22:07

OBTAIN ALL INITIALS BEFORE FILING

R/A [initials]
Parts (optl) _____
Date closed: 7-12-06

Customer: UND Acct#: 2059-2223-0 Preliminary Insp [initials] In Progress Insp [initials]

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,458.1 A/F Tach: 4,062.6 Init [initials]

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,235.0	4,235.0
IO-360-C1C6	L46651A	ENGINE (ARROW)	1,900.6	3,950.3
B2D34C213	000908	PROPELLER	1,721.6	4,223.9

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Tech	Insp
1.	when adjusting Right pilots seat the reclining Mechanism Broke. Seat's Back can no longer be set	25 10	1	Removed & Replaced Both Seat springs & Inboard Seat Stop Bolt, ops CK Good	25 10	N	7/12	.8		[initials]	[initials]

I certify the aircraft airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration with respect to the work performed and found to be airworthy and is approved for return to service. Certified Repair Station OG5R092N.

Authorized Signature [signature]
Date 7-12-06

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1054221
Tech: SFB
Shop Code: F
Equip Code: A
Opened: 7/14/2006 15:00

OBTAIN ALL INITIALS BEFORE FILING

R/A SB
Parts (opt'l) _____
Date closed: 7/14/06

Customer: UND Acct#: 2059-2223-0 Preliminary Insp _____ In Progress Insp _____

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,461.6 A/F Tach: 4,065.3 Init SB

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,237.7	4,237.7
IO-360-C1C6	L46651A	ENGINE (ARROW)	1,903.3	3,953.0
B2D34C213	000908	PROPELLER	1,724.3	4,226.6

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Tech	Insp
1	Dead Battery	2400	1	Removed battery, placed on charger, charged battery, reinstalled in acft. Started engine, checked charging system, all indications normal.	2400	N	7/14	.5		SB	
				Scott F Baker A&P2856702							

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1054270
Tech: SFB
Shop Code: F
Equip Code: A
Opened: 7/17/2006 15:01

OBTAIN ALL INITIALS BEFORE FILING

R/A SP
Parts (opt) 1
Date closed: 7/17/06

Customer: UND Acct#: 2059-2223-0 Preliminary Insp ____ In Progress Insp ____

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,473.4 A/F Tach: 4,074.8 Init SB

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,247.2	4,247.2
IO-360-C1C6	L46851A	ENGINE (ARROW)	1,912.8	3,962.5
B2D34C213	000908	PROPELLER	1,733.8	4,236.1

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Tech	Insp
1	Battery dead	2400	1	Removed battery P/N	2400	N	7/17	.4		SB	
	again, won't			G35 S/N G02179412			7/17	.3		HC	
	start			and installed P/N							
				G35 S/N G02265537.							
				Started acft using							
				normal procedures							
				Brett Baker							
				A&P 2856702							

...hool of Aerospace Sci.
...of North Dakota
...rks Intl. Airport
...Andrews Field
...nd Forks, ND 58202

WKO#: 1054180
Tech: CEC
Shop Code: F
Equip Code: I
Opened: 7/12/2006 15:21

OBTAIN ALL INITIALS BEFORE FILING

R/A _____
Parts (optl) _____
Date closed: 7-13-06

Customer: UND Acct#: 0700-8261-801 Preliminary Insp [illegible] In Progress Insp [illegible]

N#: AcftType: Bill Meter: A/F Tach: Init _____

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Tech	Insp
1	Battery needs initial charge P/N 6-35 S/N G0226637	24/30	1	Serviced battery with Acid. Started charge. @	24/30	N	7/12	.3		[illegible]	[illegible]
			2	Completed charge		N	7/13	.2		[illegible]	[illegible]
2	Battery needs initial charge P/N 6-35 S/N G0226584 3	24/30	1	Serviced battery with Acid. Started charge.	24/30	N	7/12	.3		[illegible]	[illegible]
			2	Completed charge		N	7/13	.2		[illegible]	[illegible]

I certify the aircraft airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration with respect to the work performed and found to be airworthy and is approved for return to service. ~~Certified Repair Station OG5R092N.~~

Authorized Signature [signature]
Date 7-13-06

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1054289
Tech: SJC
Shop Code: F
Equip Code: A
Opened: 7/18/2006 12:33

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (optl)
Date closed: 7/18/06

Customer: UND Acct#: 2059-2223-0 Preliminary Insp MSB In Progress Insp MSB

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,476.6 A/F Tach: 4,077.2 Init

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,249.6	4,249.6
IO-360-C1C6	L46651A	ENGINE (ARROW)	1,915.2	3,964.9
B2D34C213	000908	PROPELLER	1,736.2	4,238.5

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Tech	Insp
1	Will not start P/N 4372 off S/N 05081820	8010	1	replaced left magneto - ops and leak ckd O.K. P/N ~~off~~ on 4372(E) S/N ~~off~~ on ~~0508~~ 05120829	7400	N	7/18	1.2		SJC	MSB

I certify the aircraft airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration with respect to the work performed and found to be airworthy and is approved for return to service. Certified Repair Station OG5R092N.

Authorized Signature [signature]
Date 7-18-06

[redacted]

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1054382
Tech: CME
Shop Code: F
Equip Code: A
Opened: 7/24/2006 7:06

OBTAIN ALL INITIALS BEFORE FILING

R/A [initials]
Parts (optl) [initials]

Date closed: 7-28-06

Customer: UND Acct#: 2059-2223-0 Preliminary Insp [initials] In Progress Insp MNA

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,495.7 A/F Tach: 4,092.3 Init CME

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,264.7	4,264.7
IO-360-C1C6	L46651A	ENGINE (ARROW)	1,930.3	3,980.0
B2D34C213	000908	PROPELLER	1,751.3	4,253.6

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Tech	Insp
1	Phase 3 insp.	05 20	1		05 20	N	7/24	4.5		CME	[initials]
	Due						7/24	4.5		MES	[initials]
							7/27	2.0		MES	MNA
							7/28	2.0		CME	MNA
				I certify that this aircraft has been inspected in accordance with Phase 3 inspection, including, as applicable a routine inspection of Engine, propeller, cabin, fuselage, empennage and detailed inspection of wings and gear and was determined to be in airworthy condition, and is approved for return to service. Certified Repair Station OG5R092N. Authorized Signature [signature]. Date 7-28-06							
2	SB 1161 Rib assy insp. @ WS 49.25 (Init + 500hr)	0400	1	C/W S.b. 1161 By Inspecting Wing Ribs, Cracks on Both Ribs Noted See Pd #21, #22 for Repair	0400	N	7/24	2.5		MES	[initials]

INSPECTION SUPPLEMENT AND WORK ORDER Page 2 of

Reg#: (N) 289 Work Order #: 1054382

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Inc
3	SB UNO7 Rib crack Insp.	04 00	1	Inspected no cracks found next due @ and 4337.6 superseded by SB1161	04 00	N	7/24	.2		Coe	
4	AD 2002-26-01 fuel Inj Liner Insp. Rev 1/31/03	04 00	1	Inspected No defects noted next due @ 4157.6	04 00	N	7/24	.3		Coe	
5	SB1161, Rib assy insp @ 49.25 (recurring)	0400	1	C/w S.B. 1161, Cracks at both Left and Right, See PD #21, #22 for Repair	0400	N	7/24	.5		MES	
6	SB UNO8 Wing Spar Chafing	04 00	1	Inspected no Chafing noted next due @ 4157.6	04 00	N	7/24	.2		Coe	

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) 289

Work Order #: 1054382

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	
7	52 1087 Wing aft spar bolt torque check due	04 00	1	Checked torque next due @ 4217.6	04 50	N	7/24	3		Cme	[illegible]
8	Prop has nicks	61 00	1	dressed prop	61 00	N	7/24	.4		Cme	[illegible]
9	R/S fwd upper cowl pin bushing missing	71 10	1	Installed bushing	71 10	N	7/24	.4		MES	[illegible]
10	oil door doubler cracked	52 40	1	Replaced doubler	52 40	N	7/24	.5		MES	[illegible]

INSPECTION SUPPLEMENT AND WORK ORDER Page 4 of

Reg#: (N) 289ND Work Order #: 1054382

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
11	R/H Brake Pads worn to limits	3240	1	Replaced brake pads	3240	N	7/24	.9		MCS	
12	L/H Brake pads worn to limits	3240	1	Replaced brake pads	3240	N	7/24	.4		MCS	
13	Right MLG downlock spring bracket worn	32 10	1	Replaced bracket	32 10	N	7/24	.3			

INSPECTION SUPPLEMENT AND WORK ORDER Page 5 of 5

Reg#: (N) 289ND Work Order #: 1054382

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
14	R/S upper cowl pin worn	71 10	1	Replaced R/S upper cowl pin	71 10	N	7/25	1.0		CME	MMA
15	Left MLG link attach bolt loose	32 10	1	secured fastener	32 10	N	7/24	.3		CME	MMA
16	Shimmy Damper worn	32 30	1	Replaced Damper	32 30	N	7/28	.4		CME	MMA
17	Yokes Sticky	27 30	1	Cleaned	27 30	N	7/25	.2		CME	MMA

INSPECTION SUPPLEMENT AND WORK ORDER Page 6 of

Reg#: (N) 289 Work Order #: 105'4382

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	
18	fwd muffler	78 30	1	~~Replaced bushings~~ Core		N	7/24	.8		~~Core~~	
	Cracked		1	Replaced w/	78 20	N	7/25	1.5		CME	MNA
	PMA 67517-00 ~~P/N 67517-000~~			P/N 67517-000							
	SER# 19653			SER# 1877							
19	Lower baffle connecting rod	72 30	1	Installed new	72 30	N	7/25	.3		CME	MNA
	for #2 & #4 cyl			Rod							
	broken										
~~20~~	~~Left~~ MLG lift arm	32 30	1	Replaced bushing	32 30	N	7/24	.8		CME	
	bushings worn										

INSPECTION SUPPLEMENT AND WORK ORDER Page 7 of 7

Reg#: (N) 289UP Work Order #: 1054382

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
21	Wing Rib Cracked at W.S 49.25 Left	5710	1	Installed Piper Repair Kit #767-397 Per Dwg 88378	5710	N	7/26	7.5		MES	MNA
22	Wing Rib Cracked at W.S. 49.25 Right	5710	1	Installed Piper Repair Kit #767-396 Per Dwg 88373	5710	N	7/29	7.5		MES	MNA

INSPECTION SUPPLEMENT AND WORK ORDER

Page 8 of

Reg#: (N) 289ND

Work Order #: 1054382

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
23	Nose gear Shimmy Dampner rod end bent	32 20	1	Replaced Rod end	32 20	N	7/25	1.4		CME	MMA
24	#1 Exhaust Stack bolt mounted	78 10	1	Replaced exhaust stack	78 10	N	7/25	.2		CME	MMA
25	Right MLG Pivot worn	32 10	1	Replaced pivot	32 10	N	7/26	1.5		CME	MMA
26	L/H MLG Knuckle Attach bracket worn	3210	1	Installed Serviceable Attach bracket	3210	N	7/27	1.5		MES	MMA

INSPECTION SUPPLEMENT AND WORK ORDER

Page 2 of 2

Work Order #: ~~28NP~~ 54382

Reg#: (N) 28NP

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Inspector
27	L/H Wing Rib at W.S. 49.25 Cracked (FWD)	57N	1	Installed Repair Doubler IAW AC43-13.1B Ch. 4 Sec 57	5710	N	7/27	4.5		MES	MNA
28	Landing gear pump not operating in down position	~~29~~ 00	1	Replaced pump ops and Leak check good	29 00	N	7/28	2.0		CME	MNA
29	Inspector time	05 60	1	Insp. Time for Billing	05 60	N	7/28	1.5		MNA	MNA

I certify the aircraft airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration with respect to the work performed and found to be airworthy and is approved for return to service. Certified Repair Station OG5R092N.

~~Authorized Signature~~ Morgan C Ahrah

Date 7/28/06

1. Approving National Aviation Authority/Country:	2.	3. Form
FAA/UNITED STATES	**AUTHORIZED RELEASE CERTIFICATE** FAA Form 8130–3, AIRWORTHINESS APPROVAL TAG	89455

4. Organization Name and Address:	5. Work Order/Contract/Invoice Number
Aerospace Welding, Inc. 12124 12th Avenue South Burnsville MN 55337	89455

6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	RISER	67809-00	N/A	1 each	89455	REPAIRED

13. Remarks:

REF: WORK ORDER #89455.

14. Certifies the items identified above were manufactured in conformity to:

☐ **Approved design data and are in a condition for safe operation.**

☐ **Non-approved design data specified in Block 13.**

19. ☒ **14 CFR 43.9 Return to Service** ☐ **Other regulation specified in Block 13**

Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

15. Authorized Signature:	16. Approval/Authorization No.:	20. Authorized Signature	21. Approval/Certificate No.:
			UWDR792L
17. Name (Typed or Printed):	**18. Date:**	**22. Name (Typed or Printed):**	**23. Date (m/d/y):**
		Eric Hanzel	10/19/2005

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

FAA Form 8130–3 (6–01) *Installer must cross-check eligibility with applicable technical data. NSN: 0052-00-012-9005

AEROSPACE WELDING MINNEAPOLIS, INC.

12124 12th Ave. South, Burnsville, MN 55337 952-890-1511

FAA Repair Station #UWDR792L

NAME	S/N AWI	Job:
UND AEROSPACE	89455	
ADDRESS: PO BOX 9007	CITY: GRAND FORKS ND 58202-9007	
Make & Model: PIPER 28R-200	Part Number: 67809-00	
Unit Description: RF STACK 200		
Registration No.		

INSPECTION

Preliminary Date	10/19/2005 EH
Hidden Damage Date	10/19/2005 EH
In Progress Date	10/19/2005 EH
Final Date	10/19/2005 EH

CUSTOMER SERVICES REQUESTED

Discrepancies Noted:

☐ OUTERSHELL	☐ BALL JOINT	☐ BELLOWS
☐ OVERBOARD	☐ BELL JOINT	☐ HEAT FINS
☐ BAFFLE	☐ INLAY	☐ STRAIGHT TUBE
☐ END PLATE	☐ OVERLAY	☐ BRACKET
☐ SHROUD RING	☐ INLET EXTENSION	☐ BOLT FLANGE
☐ BEADED END	☐ RISER TUBE	☐ TOP TUBE
☐ TAB	☐ FLANGE	☐ CRACK WELD
☐ SHAFT	☐ TAILPIPE	☑ SLIP JOINT
☐ BUTTERFLY	☐ FLOW DIVIDER	☐ ELBOW
☐ CLEAN & INSP.	☐ BODY	☐ SKIN
☐ _____	☐ _____	☐ _____

INSPECTOR'S INITIALS EH

Corrective Action: **ITEMS REPLACED OR REPAIRED**

REPL	REPR		REPL	REPR		REPL	REPR	
☐	☐	OUTERSHELL	☐	☐	BALL JOINT	☐	☐	BELLOWS
☐	☐	OVERBOARD	☐	☐	BELL JOINT	☐	☐	HEAT FINS
☐	☐	BAFFLE	☐	☐	INLAY	☐	☐	STRAIGHT TUBE
☐	☐	END PLATE	☐	☐	OVERLAY	☐	☐	BRACKET
☐	☐	SHROUD RING	☐	☐	INLET EXTENSION	☐	☐	BOLT FLANGE
☐	☐	BEADED END	☐	☐	RISER TUBE	☐	☐	TOP TUBE
☐	☐	TAB	☐	☐	FLANGE	☐	☐	CRACK WELD
☐	☐	SHAFT	☐	☐	TAILPIPE	1	☐	SLIP JOINT
☐	☐	BUTTERFLY	☐	☐	FLOW DIVIDER	☐	☐	ELBOW
☐	☐	CLEAN & INSP.	☐	☐	BODY	☐	☐	SKIN
☐	☐	_____	☐	☐	_____	☐	☐	_____

INSPECTOR'S INITIALS EH

Material Type	***Approved Data***
☑ 347 SS FILLER ROD	☑ 43.13-1B
☑ 321 SS	☐ MANUFACTURER'S MANUAL
☐ 4130 CHROMALLY	☐ AIR CARRIER'S MANUAL
☐ 4130 ROD	
☐ INCONEL	
☐ INCONEL ROD	
☐ _____	☐ _____
☐ _____	

☑ REPAIRS	☑ ELBOW	☐ _____	☐ _____
☑ A.D. NOTES	☐ DIE PENETRANT	☐ CORROSION PROTECT NEW TUBE	☐ _____
☑ PRESSURE TEST	☐ DEMAGNETIZE	☐ PRIMER COAT	☐ _____

MAINTENANCE RELEASE

The aircraft/component identified hereon was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for Return to Service. Pertinent details of the repair are on file at this agency.

AUTHORIZED AND CONDITIONS AGREED TO AS STATED ABOVE

BY _____ DATE 10/19/2005

INSPECTION SUPPLEMENT AND WORK ORDER

...l Aerospace Sci.
...n Dakota
... Airport
... Field
... ND 58202
...on# OG5R092N

WKO#: 1039969
~~Mech:~~ CEC
Shop Code: F
Equip Code: I
Opened: 10/18/2004 16:08

OBTAIN ALL INITIALS BEFORE FILING

R/A _____
Parts (optl) _____
Date closed: 10-18-04

...: UND Acct#: 0700-8261-801 Preliminary Insp [initials] In Progress Insp [initials]

AcftType: Bill Meter: A/F Tach: Init _____

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	Shimmy damper ~~needs~~ is in pieces ~~leaking~~ [initials] P/N 456-016	32/10	1	Found shimmy damper cylinder worn, Red tagged damper	32/10	N	10/18	.2		[initials]	[initials]
2	Shimmy damper is leaking P/N 456-016	32/10	1	Inspected and installed new o-rings & glide seal serviced with 5606. ops Leak good	32/10	N	10/18	.5		[initials]	[initials]

I certify the aircraft ... appliance identified above was returned ... inspected in accordance with current regulations of the Federal Aviation Administration with respect to the work performed and found to be airworthy and is approved for return to service.
Certified Repair Station OG5R092N

Authorized Signature [signature]
Date 10-18-04

1021179

INSPECTION SUPPLEMENT AND WORK ORDER

...y of Aerospace Sci.
...orth Dakota
...Intl. Airport
...ws Field
...ks, ND 58202

WKO#: 1054449
Tech: MSB
Shop Code: F
Equip Code: I
Opened: 7/26/2006 9:43

OBTAIN ALL INITIALS BEFORE FILING

R/A _____
Parts (opt'l) _____
Date closed: 7-26-06

...ner: UND Acct#: 0700-8261-801 Preliminary Insp MNS In Progress Insp MNS

AcftType: Bill Meter: A/F Tach: Init _____

1021179

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Tech	Insp
1	Untagged PN 95643-06 Bracket assembly requires inspection	32 30	1	Inspected bracket assembly and determined it to be airworthy	32 30	N	7-26	.1		MSB	MNS

PN 95643-06R

I certify the aircraft airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration with respect to the work performed and found to be airworthy and is approved for return to service. Certified Repair Station OG5R092N.

Authorized Signature Morgan M. Strand
Date 7/26/06

PARTS INCOMING INSPECTION

Date Rec'd 7/26/06 Clerk SM
PO #/Batch # OK #1021179
Inspected by _____
Date App'd _____ Clerk _____
Inv # _____

INSPECTION SUPPLEMENT AND WORK ORDER

Work Order #: 1048406

(N) 295ND

Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
(continued)		4	actuators were isolated and held pressure. Ops check and leak check good							
			Hydraulic pump # removed under CA # 1 of this PD was inspected and determined to be serviceable.							

I certify the aircraft airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration with respect to the work performed and found to be airworthy and is approved for return to service Certified Repair Station OG5R692N.

Authorized Signature Morgan R. Strot

Date 10/16/25

INSPECTION SUPPLEMENT AND WORK ORDER

School
ances
rth Dakota
versity Station
s, ND 58202-9007

WKO#: 1000503
Mech: DFT
Shop Code: X
Equip Code: I
Opened: 12/17/1999 7:29

OBTAIN ALL INITIALS BEFORE FILING

R/A _____
Parts (opt) _____
Date Closed: 12-29-99

r: UND Acct#: 0700-6261-801 Preliminary Insp UND CAS 14 1999 In Progress Insp UND CAS 14 1999

Acft Type: Bill Meter: A/F Tach: Init ____

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
	Pivot Bracket	3230	1	Removed studs	3230	N	12/17	3.0		DFT	UND CAS 14 1999
	Assy needs			And Bushings	3230	N	12/29	1.0		DFT	UND CAS 14 1999
	Repair.			Replaced Bushings							
				And studs							
	P/N 95643-07	(1)		with Factory							
	P/N 95-643-06	(3)		new parts							

I certify the aircraft airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration with respect to the work performed and found to be airworthy and is approved for return to service.
Certified Repair Station OG5R092N

Authorized Signature UND CAS 14 1999
Date 12-29-99

INSPECTION SUPPLEMENT AND WORK ORDER

...chool of Aerospace Sci.
...of North Dakota
...orks Intl. Airport
...ndrews Field
... Forks, ND 58202
...air Station# OG5R092N

WKO#: 1039814
Mech: CEC
Shop Code: F
Equip Code: I
Opened: 10/13/2004 15:27

OBTAIN ALL INITIALS BEFORE FILING

R/A _____
Parts (optl) _____
Date closed: 10-13-04

...ustomer: UND Acct#: 0700-8261-801 Preliminary Insp CEC In Progress Insp CEC

N#: AcftType: Bill Meter: A/F Tach: Init ____

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Block assy needs new bushing P/N ~~67005-010~~ CEC ~~95643-08~~ 95643-007 Bushing P/N 67026-012	32/30	1	Cleaned and painted Block assy. Measured I.D of Block assy. within tolerances installed new bushing and Reassembled swivel attachment.	32/30	N	10/13	1.0		CEC	CEC

I certify [illegible] propeller, or appliance [illegible] was repaired and inspected in accordance with current regulations of the Federal Aviation Administration with respect to the work performed and found to be airworthy and is approved for return to service. Certified Repair Station OG5R092N.

Authorized Signature [signature]
Date 10-13-04

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1054583
Tech: DPS
Shop Code: A
Equip Code: A
Opened: 8/2/2006 13:34

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (optl) 8m1
Date closed: 8/2/06

Customer: UND Acct#: 2058-2223-0 Preliminary Insp: KHP In Progress Insp: KHP

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,506.4 A/F Tach: 4,100.6 Init: DPS

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,273.0	4,273.0
IO-360-C1C6	L46851A	ENGINE (ARROW)	1,938.6	3,988.3
B2D34C213	000908	PROPELLER	1,759.6	4,261.9

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Tech	Insp
1	HSI inop. Would not display current hdg during turns.	34/20	1	Troubleshot to defective remote gyro. Replaced gyro and tested.	34/20	N	8/2	1.5		KHP	KHP

KG102A
SN OUTX50509
SN IN 44870

I certify the aircraft airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration with respect to the work performed and found to be airworthy and is approved for return to service. Certified Repair Station OG5R092M.

Authorized Signature KHP
Date 8/2/06

1. Approving National Aviation Authority/Country:	2.	3. Form Tracking Num
FAA/UNITED STATES	**AUTHORIZED RELEASE CERTIFICATE** FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG	A90

4. Organization Name and Address:	5. Work Order/Contract/Invoice Number:
Honeywell International, Inc. (PR2RO93L) One Technology Center 23500 West 105th Street Olathe, Kansas 66061	**A90349**

6. Item:	7. Description:	8. Part Number:	9. Eligibility*	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	KG 102A	060-0015-00	N/A	1	44876	OVERHAULED

13. Remarks:

Replaced Gyro can. Complies with KG 102A-9 per 600-01212-0091 Rev 1: Jul/05

Overhauled per KG 102A CMM 006-15623-0007 Rev 7

Tested per OEM approved document 004-00197-0000 Rev BF

"Honeywell International, Inc. certifies that the work specified in Blocks 12 and 13 was performed in accordance with EASA Implementation Rule part 145 approval, and with respect to that work, the aircraft component is considered ready for release to service under EASA approval number EASA.145.4140."

Repairman Certificate Number: 2727860

14. Certifies the items identified above were manufactured in conformity to:	19. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 13
☐ Approved design data and are in a condition for safe operation ☐ Non-approved design data specified in Block 13	Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

15. Authorized Signature:	16. Approval/Authorization No:	20. Authorized Signature: Donna K Senst	21. Approval/Certificate No: PR2R093L
17. Name (Typed or Printed):	18. Date (m/d/y):	22. Name (Typed or Printed): Donna K. Senst	23. Date (m/d/y): May/16/2006

User/Installer Responsibilities

It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs works in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1 it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1055124
Tech: JME
Shop Code: W
Equip Code: A
Opened: 9/6/2006 9:42

OBTAIN ALL INITIALS BEFORE FILING

R/A JME
Parts (opti) 1
Date closed: 9/16/06 JME

Customer: UND Acct#: 205922230 Preliminary Insp _____ In Progress Insp _____

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,574.7 A/F Tach: 4,151.8 Init JME

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,324.2	4,324.2
IO-360-C1C6	L46851A	ENGINE (ARROW)	1,989.8	4,039.5
B2D34C213	000908	PROPELLER	1,810.8	4,313.1

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Tech	Insp
1	A/C Required Cleaning	12 20	1	Cleaned A/C	12 20	N	9/6	1.0		JME	

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1054692
Tech: KHP
Shop Code: A
Equip Code: A
Opened: 8/3/2006 8:07

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (optl)

Date closed: 8-18-06

Customer: UND Acct#: 2059-2223-0 Preliminary Insp MSB In Progress Insp MSB

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,508.1 A/F Tach: 4,102.0 Init DPS

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,274.4	4,274.4
IO-360-C1C6	L46651A	ENGINE (ARROW)	1,940.0	3,889.7
B2D34C213	000908	PROPELLER	1,761.0	4,263.3

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Tech	Insp
1	HSI doesn't work in slare	34/20	1	Troubleshot and found intermittent connection on connector to DG. Replaced connector to DG and HSI ops checks good.	34/20	N	8/16	1.5		DPS	MSB
					34/20	N	8/18	4.0		DPS	MSB

I certify the aircraft airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration with respect to the work performed and found to be airworthy and is approved for return to service. Certified Repair Station OG5R092N.

Authorized Signature
Date 8-18-06

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1055124
Tech: JME
Shop Code: W
Equip Code: A
Opened: 9/6/2006 9:42

OBTAIN ALL INITIALS BEFORE FILING

R/A JME
Parts (opti) _____
Date closed: 9/6/06

JME

Customer: UND Acct#: 205922230 Preliminary Insp _____ In Progress Insp _____

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,574.7 A/F Tach: 4,151.8 Init JME

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,324.2	4,324.2
IO-360-C1C6	L46651A	ENGINE (ARROW)	1,989.8	4,039.5
B2D34C213	000908	PROPELLER	1,810.8	4,313.1

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Tech	Insp
1	A/C Required Cleaning	12 20	1	Cleaned A/C	12 20	N	9/6	1.0		JME	

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1055139
Tech: SFB
Shop Code: F
Equip Code: A
Opened: 9/6/2006 14:54

OBTAIN ALL INITIALS BEFORE FILING

R/A No
Parts (opt'l)

Date closed: 9/06/06

Customer: UND Acct#: 205922230 Preliminary Insp MSB In Progress Insp MSB

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,574.7 A/F Tach: 4,151.8 Init SB

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,324.2	4,324.2
IO-360-C1C6	L46651A	ENGINE (ARROW)	1,989.8	4,039.5
B2D34C213	000908	PROPELLER	1,810.8	4,313.1

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Tech	Insp
1	Phase 4 insp due	0520	1		0520	N	9/06	5.2		SB	MSB
						N	9/6	3.0		JRK	MSB
	Compressions:										
	#1 78/80			I certify that this aircraft has been inspected in accordance with Phase 4 inspection, including, as applicable a routine inspection of ~~Cabin, Fuselage, Empennage, Wings,~~ Landing Gear and detailed inspection of Engine and Fuel propeller and was determined to be in airworthy condition, and is approved for return to service							
	#2 74/80										
	#3 76/80			Certified Repair Station OG5R092N							
	#4 74/80			Authorized Signature Scott Bahl							
				Date 9/06/06							
2	AD 2002-26-01	0400	1	Inspected per SB342E	7310	N	9/06	.2		SB	MSB
	Fuel injection lines			No defects noted.							
	due. Date 1/31/03			Next due 4217.6							
3	SB UND 8 Wing	0400	1	Inspected, no evidence	5710	N	9/06	.2		SB	MSB
	spar chafing insp			of chafing noted							
	due										

INSPECTION SUPPLEMENT AND WORK ORDER Page 2 of 6

Reg#: (N) 289 ND Work Order #: 1055139

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
4	Sioux plcard fell off	1100	1	Reinstalled Sioux	1100	N	9/6	.2		JRK	MSB
	the instrument panel			placard on instrument		N	9/06	.1		SB	MSB
				panel							
5	Lt & Rt magneto external	7410	1	Timed magnetos to	7410	N	9/06	.3		SB	MSB
	timing off			data plate specs							
6	Exhaust shroud has	7800	1	Drilled off screw	7800	N	9/06	.2		SB	MSB
	one stripped screw			head and removed.							
				Nutplate threads							
				check OK							

INSPECTION SUPPLEMENT AND WORK ORDER Page 3 of 6

Reg#: (N) 289 NP Work Order #: 1055139

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
7	Induction air filter	7160	1	Replaced Induction	7160	N	9/6	.1		JRK	MSB
	over 50% dirty			Air Filter			9/06	.1		SB	MSB
8	~~Horstee~~ Nose Wheel	3250	1	Adjusted to clearance	3250	N	9/06	.5		SB	MSB
	Steering bellcrank out			required in 32-20-00							
	of adjustment			Piper Service Manual							
9	#3 cyl Spark plug	7420	1	replaced #3 cyl.	7420	N	9/6	.1		JRK	MSB
	cracked.			Spark plug		N	9/06	.1		SB	MSB

INSPECTION SUPPLEMENT AND WORK ORDER Page 4 of 6

Reg#: (N) 289NP Work Order #: 10559

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
10	Both MLG Fwd trunnions have loose bolts	5210	1	Torqued bolts per ~~Exhibit~~ Chart 2 Ch 91, Piper Svc Manual	3210	N	9/06	.3		EB	MSB
11	Baggage door lock access panel has one missing screw	5210	1	Installed new screw	5210	N	9/06	.1		EB	MSB
12	Co pilots shoulder harness creased	2510	1	Replaced shoulder harness w/ factory repaired like item	2510	N	9/06	.3		EB	MSB

INSPECTION SUPPLEMENT AND WORK ORDER Page 5 of 6

Reg#: (N) 289ND Work Order #: 1055139

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
13	Prop nicked	6100	1	dressed prop.	6100	N	9/6	.3		JRK	MSB
							9/06	.1		SB	MSB
14	Prop gov rod end worn	6120	1	Replaced w/new rodend	6120	N	9/06	.3		SB	MSB
15	#1 cyl fwd lower baffle cracked	7230	1	Stopdrilled crack	7230	N	9/06	.1		SB	MSB

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) 289ND

Work Order #: 1055139

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
16	#3 cyl aft baffle cracked	7230	1	Removed baffle, stop drilled crack, mfg and installed patch per AC43-13.1b Ch 4-57, Reinstalled baffle	7230	N	9/06	.4		JRK	MSB
						N	9/06	.3		SB	MSB
~~17~~											
17	Insp time	0560	1	Inspected	05 60	N	9-6	.8		MSB	MSB

I certify the aircraft airframe aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration with respect to the work performed and found to be airworthy and is approved for return to service. Certified Repair Station OG5R002N.

Authorized Signature [signature]

Date 9/06/06

...tional Aviation ...Country: ...TED STATES	2. **AUTHORIZED RELEASE CERTIFICATE** FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number. **W213167-277208-2**
...ion Name and Address.	**Pacific Scientific P94R580N** **AVIATION SERVICES COMPANY** **11700 NW 102nd ROAD** **SUITE 6** **MIAMI, FL 33178**	5. Work Order, Contract or Invoice Number: 1020687

...m	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
	REEL ASSEMBLY	1107447-13	N/A	1	N/A	REPAIRED

13. REMARKS

Unit was repaired IAW manufacturers approved data.

1107447 Rev: N Date: 7/2/2001

SB A25-1124A HAS BEEN PREVIOUSLY COMPLIED WITH. (SHAFT REPLACEMENT)
PAC 452-680

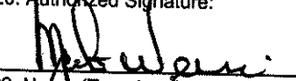
Pacific Scientific certifies that the work specified in block 12/13 was carried out in accordance with EASA Part-145 and with respect to that work the aircraft component is considered ready for release to service under EASA Part-145 Approval Number: EASA.145.5406.

14. Certifies the items identified above were manufactured in conformity to:

- [ ] Approved design data and are in a condition for safe operation.
- [ ] Non-approved design data specified in Block 13

19 [X] 14 CFR 43.9 Return to Service [X] Other regulation specified in Block 13

Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.



15. Authorized Signature:	16. Approval Authorization No:	20. Authorized Signature:	21. Approval/Certifcate No: **P94R580N**
17. Name (Typed or Printed):	18. Date (m/d/y):	22. Name (Typed or Printed): **Martin Weiss**	23. Date (m/d/y): Jul/13/2006

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1 it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statement in Blocks 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

FAA Form 8130-3 (6-01) * Installer must cross check eligibility with applicable technical data NSN:0052-00-012-90005

Pacific Scientific P94D580N

11700 NW 102nd Road
Suite 6
Miami, Fl 33178

Work Order
W213167

t Number: 1107447-13 **Qty:** 1 **Description:** REEL ASSEMBLY

SERIAL #: **Customer:** UND AEROSPACE FOUNDATION

Customer P.O.: 1020687

Technical Data: DATA TYPE / NUMBER / REVISION / REV DATE
1107447 Rev: N Date: 7/2/2001

Evaluation

Customers remark:

Customer requests inspect and repair as necessary

WORN

Results from evaluation:

Unit(s) webbing frayed beyond acceptable limits.

Work to be performed:

Unit is to be repaired IAW Mfr technical data.

Initial Evaluation

Work Instructions:

Verify Technical Data

Verify the revision level and date of drawing 1107447 Revision= N Revision Date= 7/2/01

The following Service Bulletins, Engineering Orders, are associated with part number. Verify information below:

SB: A25-1124A EO/ESO: none

Verified by: PacSci 19 Miami Stamp 6/22/06 mo da yr

Initial Inspection

Initial Inspection: The technician shall inspect the unit for damage, unapproved parts and any non-conforming conditions. Verify the customer has correctly identified the unit. Record the following information:

Unit is correctly identified: (YES) NO

1) Webbing condition: Good _____ needs replacing ✓ Existing Color. Black

Remarks none

Initial Inspection Completed by: PacSci 19 Miami Stamp 6/22/06 mo da yr

Disassemble and evaluate

Cut the webbing from the existing hardware. Verify that the existing hardware is serviceable. Inspect for hiddend damaged

Remarks none

Work perfomed by: PacSci 19 Miami Stamp 7/13/06 mo da yr

Released to Shop

Work Instructions:

Work Order
W213167
Page: 2

acific Scientific P94D580N

11700 NW 102nd Road
Suite 6
Miami, Fl 33178

mble and Sew to drawing requirements

emble and sew the webbing in accordance with the manufacturer's drawings.

e-assemble the reel and strap. Adjust for proper operation.

Work performed by: [PacSci 19 Miami] 7/13/06
Stamp mo da yr

Calibrate reel

Test the reel in accordance with IT 575. Perform retraction force test. Pass ✓ Fail ____

Must lock = .76 g No lock = .37 g

Unit calibrated by: [PacSci 19 Miami] 7/13/06
Stamp mo da yr

Final assembly

Complete the assembly in accordance with manfucturer's drawings and/or customer's Engineering orders.

SB complied with: ✓ yes ___ no PCW A25-1124A

EO/ESO complied with: ___ yes ___ no

Work performed by: [PacSci 19 Miami] 7/13/06
Stamp mo da yr

Cell leader acceptance

Work was performed in accordance with Manufacturer's specifications and/or customer engineering orders.

Verified by: [PacSci 19 Miami] 7/13/06
Stamp mo da yr

Inspection

Work Instructions:

Final Inspection

Inspected the unit IAW manufacturer's drawings, and/or customer's engineering order.

This certifies that the work specified in this work order was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part is approved for return to service.

Return to service by: [signature] 7/14/06 [PacSci 10 Miami]
Signature mo da yr Stamp

INSPECTION SUPPLEMENT AND WORK ORDER

ol of Aerospace Sci.
North Dakota
s Intl. Airport
ews Field
rks, ND 58202

WKO#: 1055099
Tech: MRS
Shop Code: F
Equip Code: I
Opened: 9/5/2006 15:43

OBTAIN ALL INITIALS BEFORE FILING

R/A _____
Parts (optl) _____
Date closed: 9/5/06

mer: UND Acct#: 224142235 Preliminary Insp MNS In Progress Insp MNS

AcftType: Bill Meter: A/F Tach: Init _____

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Tech	Insp
1	2ea REM38S Spark Plugs need to be tested for Sevicability	74-00	1	Tested and Found to be Serviceable installed new washers	74-00	W	9/5	.3		MNS	MNS

~~I certify the aircraft airframe, aircraft engine, propeller or~~ appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation ~~Administration with respect to the work performed and~~ found to be airworthy and is approved for return to service. Certified Repair Station OG5R092N.

Authorized Signature Morgan R Sitrud
Date 9/5/06

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1055326
Tech: JEB
Shop Code: F
Equip Code: A
Opened: 9/13/2006 9:48

OBTAIN ALL INITIALS BEFORE FILING

R/A _____
Parts (optl) _____
Date closed: 9/13/06

Customer: UND Acct#: 205922230 Preliminary Insp _____ In Progress Insp _____

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,586.7 A/F Tach: 4,161.4 Init JEB

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,333.8	4,333.8
IO-360-C1C6	L46851A	ENGINE (ARROW)	1,999.4	4,049.1
B2D34C213	000908	PROPELLER	1,820.4	4,322.7

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Tech	Insp
1	A/C won't start.	80 00	1	Started. Joseph Austin ATP 502641606	80 00	N	9 13	.5		JEB	

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1055520
Tech: REW
Shop Code: F
Equip Code: A
Opened: 9/20/2006 23:02

OBTAIN ALL INITIALS BEFORE FILING

R/A _____
Parts (optl) _____
Date closed: 9/20

Customer: UND Acct#: 205922230 Preliminary Insp _____ In Progress Insp _____

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,610.3 A/F Tach: 4,180.4 Init _____

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,352.8	4,352.8
IO-360-C1C6	L46651A	ENGINE (ARROW)	2,018.4	4,068.1
B2D34C213	000908	PROPELLER	1,839.4	4,341.7

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Tech	Insp
1	landing light inop	33 40			33 40						

OPENED IN ERROR

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1055750
Tech: PDH
Shop Code: F
Equip Code: A
Opened: 9/28/2006 17:33

OBTAIN ALL INITIALS BEFORE FILING

R/A PDH
Parts (optl) _____
Date closed: 9/28/06

14

Customer: UND Acct#: 205922230 Preliminary Insp _____ In Progress Insp _____

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,638.9 A/F Tach: 4,202.4 Init PDH

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,374.8	4,374.8
IO-360-C1C6	L46851A	ENGINE (ARROW)	2,040.4	4,090.1
B2D34C213	000908	PROPELLER	1,861.4	4,363.7

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Tech	Insp
1	Upon postflight, discovered that the oil access paint on the cowling was not closing properly. Spring on latch appears to have broken off.	71 10	1	Removed oil door. prepped & painted new oil door assy for installation A Installed oil door and top cowl. Ops check good	71 10	N	9/28	.5		PDH	
2	Landing Light insp	33 40	1	Replaced lamp. Ops check good	33 40	N	9/28	.3		PDH	

I certify the aircraft airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration with respect to the work performed and found to be airworthy and is approved for return to service. Certified Repair Station OG5R092N.

Authorized Signature _____
Date 9/28/06

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1055800
Tech: NRK
Shop Code: W
Equip Code: A
Opened: 10/1/2006 11:07

OBTAIN ALL INITIALS BEFORE FILING

R/A _____
Parts (opt'l) _____
Date closed: 10/1

Customer: UND Acct#: 205922230 Preliminary Insp _____ In Progress Insp _____

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,651.4 A/F Tach: 4,212.0 Init NRK

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,384.4	4,384.4
IO-360-C1C6	L46651A	ENGINE (ARROW)	2,050.0	4,099.7
B2D34C213	000908	PROPELLER	1,871.0	4,373.3

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Tech	Insp
1	A/C needs washed	12 20	1	washed A/C	12 20	N	10/1	1.0		NRK	

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1055844
Tech: JWG
Shop Code: W
Equip Code: A
Opened: 10/2/2006 14:18

OBTAIN ALL INITIALS BEFORE FILING

R/A _____
Parts (optl) _____
Date closed: 10-2-06

Customer: UND Acct#: 205922230 Preliminary Insp _____ In Progress Insp _____

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,651.4 A/F Tach: 4,212.0 Init JWG

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,384.4	4,384.4
IO-360-C1C6	L46851A	ENGINE (ARROW)	2,050.0	4,099.7
B2D34C213	000908	PROPELLER	1,871.0	4,373.3

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Tech	Insp
1	A/C was dirty	12 20	1	cleaned A/C	12 20	N	10-2	.8		JWG	

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1055848
Tech: SFB
Shop Code: F
Equip Code: A
Opened: 10/2/2006 14:53

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (optl) SM
Date closed: 10/02/06

Customer: UND Acct#: 205922230 Preliminary Insp In Progress Insp

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,651.4 A/F Tach: 4,212.0 Init SB

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,384.4	4,384.4
IO-360-C1C6	L46651A	ENGINE (ARROW)	2,050.0	4,099.7
B2D34C213	000908	PROPELLER	1,871.0	4,373.3

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Tech	Insp
1	Phase 1 insp due	0520	1		0520	N	10/02	5.0		SB	
						N	10/2	2.0		Rew	

I certify that this aircraft has been inspected in accordance with Phase inspection, including, as applicable a routine inspection of Engine, Propeller, Wings, Landing Gear and detailed inspection of Cabin Fuselage, Empennage and was determined to be in airworthy condition, and is approved for return to service
Certified Repair Station OG5R092N
Authorized Signature [signature]
Date 10/02/06

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Tech	Insp
2	AD 2002-26-01 Fuel injection lines insp due. Dated 1/31/03	0400	1	Inspected per SB342E guidance. No defects observed. Next due 4277.6	7310	N	10/02	.2		SB	
3	SB UND ELT 'G' Switch test due	0400	1	Tests OK	2560	N	10/02	.2		SB	

INSPECTION SUPPLEMENT AND WORK ORDER

Page 2 of 6

Reg#: (N) 289ND

Work Order #: 1055848

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
4	SB UND 8 Wing spar chafing due	0400	1	No chafing observed	5700	N	10/02	.2		SB	
5	SL 1087 Wing 2ft spar bolt check due	0400	1	Torque check OK	5700	N	10/02	.2		SB	
6	Annual ELT insp due	0510	1	This ELT was inspected in accordance with applicable manufacturer's instruction of FAA notice A8150-3 and found to meet the requirements of FAR 91.207 (d). ELT Model ELT 110-4 ELT S/N # 03039 ELT Test Date 10/02/06 Authorized Signature Scott K Baker Certified Repair Station OG5R092N Next due 10/31/07	2560	N	10/02	.4		SB	

INSPECTION SUPPLEMENT AND WORK ORDER Page 3 of 6

Reg#: (N) 289ND Work Order #: 1055848

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
7	Rt cowl pin bushing worn	7110	1	Replaced bushing	7110	N	10/02	.2		SB	
8	Empennage needs vacuumed @ ~~bulkhead~~ baggage compartment bulkhead	1220	1	Vacuumed debris from empennage area	1220	N	10/02	.2		SB	
9	Screw missing from aft left trim panel	2510	1	Installed new screw and washer	2510	N	10/02	.2		SB	

INSPECTION SUPPLEMENT AND WORK ORDER Page 4 of 6

Reg#: (N) 289ND Work Order #: 1055848

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
10	Manifold Pressure line broken Loose @ cyl fitting	7710	1	Removed + replaced manifold pressureline Checks good on MX run-up	7710	N	10/2	.2		Rev	
11	Flap cable spring broken	2750	1	Removed + replaced flap cable springs	2750	N	10/2	.1		Rev	
12	Co-pilot seat back recline mechanism jammed	2510	1	Reset roll pin bushings in copilot seat back recline mechanis	2510	N	10/2	.2		Rev	

INSPECTION SUPPLEMENT AND WORK ORDER Page 5 of 6

Reg#: (N) 289ND Work Order #: 1055848

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
13	Both Stab cable pulleys in aft spar cluster frozen	2730	1	Cleaned inner bushings, check OK	2730	N	10/02	.3		SB	
14	Pilots sun-visor loose	2510	1	Disassembled trim, tightened sun visor, reassembled trim	2510	N	10/02	.4		SB	
15	Stab cable tension low	2730	1	Adjusted tension, safetied turnbuckles	2730	N	10/02	.5		SB	

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) 289ND

Work Order #: 1055840

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
16	Insp time	05/60	1	Time	05/60	N	10/2	.7			
				I certify the aircraft airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration with respect to the work performed and found to be airworthy and is approved for return to service. Certified Repair Station OG5R092N. Authorized Signature [signature] Date 10-2-06						

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1056225
Tech: RMK
Shop Code: F
Equip Code: A
Opened: 10/18/2006 20:07

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (optl)
Date closed: 10.18.2006

Customer: UND Acct#: 205922230 Preliminary Insp MCS In Progress Insp MCS

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,700.2 A/F Tach: 4,251.1 Init

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,423.5	4,423.5
O-360-C1C6	L46651A	ENGINE (ARROW)	2,089.1	4,138.8
82D34C213	000908	PROPELLER	1,910.1	4,412.4

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Tech	Insp
1	LT ML6 TIRE	32-40	1	REMOVED & REPLACED	32-40	N	10/18	.5		RMK	MCS
	BALD			LT ML6 TIRE							

I certify the aircraft airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration with respect to the work performed and found to be airworthy and is approved for return to service.
Certified Repair Station O45F082N

Authorized Signature
Date 10/18/06

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

1. Approving National Aviation Authority/Country:	2.	3. Form Tracking
FAA/United States		6114/53

4. Organization	5. Work Order, Contract, Invoice or Pick No:
Michelin Aircraft Tire Corp. 515 Michelin Road, Building 56 Greenville, SC 29602 Michelin Aircraft Tyre – Siam Tyre Industry Co.,Ltd. 57 Moo 6 Nongplakradee Rd., Nongplamore, Nongkhae, Saraburi 18140	DIDS6114N3 0 Page Attached

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1.	6.00-6/6/120 Aircraft Tire	072-314-0	TSO Article N/A	1	6090W00335	New

13. Remarks. :

DIRECT SHIPMENT AUTHORIZATION

Limited life parts must normally be accompanied by maintenance history including total time/total cycle/time since new.

14. Certifies the items identified above were manufactured in conformity to:

☒ Approved design data are in a condition for safe operation.
☐ Non-approved design data specified in Block 13.

19. ☐ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block

Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

15. Authorized Signature:	16. Approval/Authorization No:	20. Authorized Signature: NA	21. Approval Certificate Number: NA
17. Name (typed or printed): M. Jittakorn Sukto	18. Date: 06-Apr-06	22. Name (typed or printed): NA	23. Date: NA

User/Installer Responsibilities

It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the Airworthiness Authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts part/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1056243
Tech: PDH
Shop Code: F
Equip Code: A
Opened: 10/19/2006 12:57

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (optl)

Date closed: 10/19/06

Customer: UND Acct#: 205922230 Preliminary Insp In Progress Insp

N#: N288ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,701.7 A/F Tach: 4,252.2 Init

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,424.6	4,424.6
IO-360-C1C6	L46651A	ENGINE (ARROW)	2,090.2	4,139.9
B2D34C213	000908	PROPELLER	1,911.2	4,413.5

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Tech	Insp
1	Left brake very mushy - poor performance.	32 40	1	Bled left brake system. Pedal pressure now firm	32 40	N	10/19	.4		PDH	

I certify the aircraft airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal A Administration with respect to the work performed an found to be airworthy and is approved for return to se Certified Repair Station [illegible]2N.

Authorized Signature
Date 10/19/06

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1056256
Tech: SFB
Shop Code: F
Equip Code: A
Opened: 10/19/2006 18:43

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt):
Date closed: 10/20/06

Customer: UND Acct#: 205922230 Preliminary Insp In Progress Insp Init SB

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,701.7 A/F Tach: 4,252.2

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,424.6	4,424.6
IO-360-C1C6	L46651A	ENGINE (ARROW)	2,090.2	4,139.9
B2D34C213	000908	PROPELLER	1,911.2	4,413.5

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Tech	Insp
1	Throttle quadrant is stuck.	7610	1	Found throttle cable extremely stiff. Cleaned and lubed ends, to no avail. Removed necessary trim and equipment, removed throttle cable. Began installing new	7610	N	10/19	3.5		SB	
							10/20	1.5		Ce	
			2	Completed installation, reinstalled trim & equip. Checks OK	7610	N	10/20	3.0		SB	
							10/20	1.5		Ce	
2	Pitot heat is inop	30 30	1	removed and replaced Data heating elements	30 30	N	10/20	.5		Ce	

I certify the aircraft airframe, aircraft engine, propeller, appliance identified above was repaired and inspected accordance with current regulations of the Federal Avia Administration with respect to the work performed and found to be airworthy and is approved for return to serv Certified Repair Station OG5R092N.

Authorized Signature
Date 10-20-06

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1056302
Tech: KHP
Shop Code: A
Equip Code: A
Opened: 10/23/2006 5:55

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (optl)
Date closed: 10/23/06

Customer: UND Acct#: 205922230 Preliminary Insp In Progress Insp

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,702.1 A/F Tach: 4,252.2 Init KHP

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,424.6	4,424.6
IO-360-C1C6	L46651A	ENGINE (ARROW)	2,090.2	4,139.9
B2D34C213	000908	PROPELLER	1,911.2	4,413.5

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Tech	Insp
1	On take off roll airspeed did not come up	34/10	1	Confirmed, dropped pitot tube and found no line. Opened access panel and located pitot line Replaced on tube and secured firmly. Reassembled and tested. AS good	34/10	N	10/23	1.5		KHP	

I certify the aircraft airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration with respect to the work performed and found to be airworthy and is approved for return to service.
Certified Repair Station OG5R092N

Authorized Signature
Date 10/23/06

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1056315
Tech: KHP
Shop Code: A
Equip Code: A
Opened: 10/23/2006 14:24

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (optl)
Date closed: 10/23/06

Customer: UND Acct#: 205922230 Preliminary Insp In Progress Insp

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,702.8 A/F Tach: 4,252.5 Init KHP

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,424.9	4,424.9
IO-360-C1C6	L46651A	ENGINE (ARROW)	2,090.5	4,140.2
B2D34C213	000908	PROPELLER	1,911.5	4,413.8

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Tech	Insp
1	GPS message bit doesn't illuminate	34/50	1	Msg button doesn't illuminate. Msg button isn't supposed to illuminate. (MSG) is illuminated on screen. No problem found.	34/50	N	10/23	.5		KHP	

I certify the aircraft airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration with respect to the work performed and found to be airworthy and is approved for return to service.
Certified Repair Station OG5R092N

Authorized Signature
Date 10/23/06

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1056390
Tech: CSG
Shop Code: F
Equip Code: A
Opened: 10/24/2006 22:37

OBTAIN ALL INITIALS BEFORE FILING

R/A 84
Parts (opti) 1

84

Date closed: 10/25/06

Customer: UND Acct#: 205922230 Preliminary Insp MSB In Progress Insp

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,709.3 A/F Tach: 4,257.3 Init CSG

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,429.7	4,429.7
IO-360-C1C6	L46651A	ENGINE (ARROW)	2,095.3	4,145.0
B2D34C213	000908	PROPELLER	1,916.3	4,418.6

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Tech	Insp
1	Co-Pilot L/H Brake has no pressure, applied pressure to both sides & AC CSG ~~steering~~ Steered to the right L/H Pilot Brake pedal works fine	32/40	1	Ran AC, CSG ~~when~~ found L/H Brake pedal squishy on Pilot & no pressure on R/H, AC Pulled to the Right when brakes were applied, Inspected Brake system found no leaks	32 40	N JRK	10/24	.4		CSG	MSB
			2	Bleed Brakes and ops check good.	32 40	N	10/25	.4		JRK	

I certify the aircraft airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration with respect to the work performed and found to be airworthy and is approved for return to service.
~~Certified Repair Station OG5R092N~~

Authorized Signature
Date 10-25-06

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1056484
Tech: CSG
Shop Code: F
Equip Code: A
Opened: 10/27/2006 16:46

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opti)
Date closed: 10-27-06

Customer: UND Acct#: 205922230 Preliminary Insp MSB In Progress Insp MSB

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,719.3 A/F Tach: 4,284.8 Init CSG

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,437.2	4,437.2
IO-360-C1C6	L46651A	ENGINE (ARROW)	2,102.8	4,152.5
B2D34C213	000908	PROPELLER	1,923.8	4,426.1

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Tech	Insp
1	When pull throttle back the gear warning light & horn doesn't stay on. It only turned on at Idle also. Would not sound before throttle position completely at idle	32 40	1	set throttle micro switch to activate at 14 in. of manifold press. ops checked good	32 40	N	10/27	.7		CSG	MSB
2	Left brake began to ~~loose~~ RC lose pressure for both A/C's	32 40	1	Removed & Replaced Co-Pilot & Pilot brake master cylinders, bleed brake system, ops checked good	32 40	N	10/27	5.0		CSG	MSB

I certify the aircraft airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration with respect to the work performed and found to be airworthy and is approved for return to service. Certified Repair Station OCSR092N.

Authorized Signature
Date 10-27-06

INSPECTION SUPPLEMENT AND WORK ORDER

of Aerospace Sci.
rth Dakota
l. Airport
Field
ND 58202

WKO#: 1054368
Tech: CEC
Shop Code: F
Equip Code: I
Opened: 7/21/2006 16:00

OBTAIN ALL INITIALS BEFORE FILING

R/A _____
Parts (optl) JW
Date closed: 7-21-06

UND Acct#: 0700-8261-801 Preliminary Insp _____ In Progress Insp _____

AcftType: Bill Meter: A/F Tach: Init _____

	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Tech	Insp
	Masters Cylinder is leaking P/N 10-30R ORH 1021031	32/40	1	Replaced all o-rings and ~~all~~ and assembled.	32/40	N	7/21	.5			
2	Master Cylinder Leaks P/N 10-30R ORH 1021037	32/40	1	Replaced all o-rings and assembled.	32/40	N	7/21	.5			
3	Master Cylinder leaks 10-30R ORH 1021160	32/40	1	Replaced all o-rings and assembled	32/40	N	7/21	.5			

PARTS INCOMING INSPECTION

Date Rec'd 7/24/06 Clerk SM
PO #/Batch #
Inspected by SM
Date App'd Clerk
Inv #

I certify the aircraft airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration with respect to the work performed and found to be airworthy and is approved for return to service. Certified Repair Station OG5R092N.

Authorized Signature _____
Date 7-21-06

INSPECTION SUPPLEMENT AND WORK ORDER

...l of Aerospace Sci.
...North Dakota
...Intl. Airport
...s Field
..., ND 58202

WKO#: 1055269
Tech: CEC
Shop Code: F
Equip Code: I
Opened: 9/11/2006 15:14

OBTAIN ALL INITIALS BEFORE FILING

R/A _____
Parts (optl) _____
Date closed: 9-11-06

...r: UND Acct#: 224142235 Preliminary Insp [initials] In Progress Insp [initials]

AcftType: Bill Meter: A/F Tach: Init ____

	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Tech	Insp
	Master Cylinder is leaking P/N 10-30 OR# 1019965	32/40	1	Inspected and replaced all o-rings Reassembled, No defects noted.	32/40	N	9/11	.5		[initials]	[initials]
2	Master Cylinder is leaking P/N 10-30 OR# 1019766	32/40	1	Inspected and replaced all o-rings, Reassembled. No defects noted	32/40	N	9/11	.5		[initials]	[initials]
3	Master Cylinder leaking P/N 10-30 ~~[illegible]~~ OR# 1018827	32/40	1	Inspected and replaced all o-rings, Reassembled. No defects noted.	32/40	N	9/11	.5		[initials]	[initials]

I certify the aircraft airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration with respect to the work performed and found to be airworthy and is approved for return to service. Certified Repair Station OG5R092N.

Authorized Signature [signature]
Date 9-11-06

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1056494
Tech: RWS
Shop Code: F
Equip Code: A
Opened: 10/28/2006 12:14

OBTAIN ALL INITIALS BEFORE FILING

R/A [initials]
Parts (optl) [initials]
Date closed: 10/28/06

Customer: UND Acct#: 205922230 Preliminary Insp MMJ In Progress Insp MMJ

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: ~~5,719.5~~ Rws 57.19.9 A/F Tach: ~~4,264.9~~ 4665.3 Init Rws

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	~~4,437.3~~ 4437.7	~~4,437.3~~ 4437.7
IO-360-C1C6	L46651A	ENGINE (ARROW)	~~2,102.9~~ 2108.3	~~4,152.6~~ 4153.0
B2D34C213	000908	PROPELLER	~~1,923.9~~ 1924.3	~~4,426.2~~ 4426.6

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Tech	Insp
1	Cockpit smells smoke when heater was on	21 40	1	Cleaned cockpit	21 40	N	10/28	.2		Rws	MMJ
			*	Ran A/C, could not duplicate smell							
2	left Brake spongy	32 40	1	Bled left Brake ops ch OK	32 40	N	10/28	.3		Rws	MMJ
			*	taxied A/C Brakes worked Properly							

I certify the aircraft airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration with respect to the work performed and found to be airworthy and is approved for return to service. Certified Repair Station OG5R092N.

Authorized Signature Morgan Sitrot
Date 10/28/06

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1056532
Tech: CSG
Shop Code: F
Equip Code: A
Opened: 10/30/2006 15:06

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt'l)

Date closed: 10-30-06

Customer: UND Acct#: 205922230 Preliminary Insp MSB In Progress Insp MSB

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,730.2 A/F Tach: 4,273.1 Init LLC

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,445.5	4,445.5
O-360-C1C6	L46651A	ENGINE (ARROW)	2,111.1	4,160.8
2D34C213	000908	PROPELLER	1,932.1	4,434.4

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Tech	Insp
1	Phase 2 due	05 20	1		05 20	IN	10/30	4.0		CSG	MSB
						IN	10/30	3.5		fcw	MSB
	I certify that this aircraft has been inspected in accordance with Phase 2 inspection, including, as applicable a routine inspection of Cabin, fuselage, empennage, wings & landing gear and detailed inspection of engine & propeller and was determined to be in airworthy condition, and is approved for return to service. Certified Repair Station OG5R092N. Authorized Signature [signature] Date 10-30-06										
2	SB UND 8 Wing Spar chafing due	05 50	1	Complied IAW SB UND 8, no defects noted	57 00	IN	10/30	.2		CSG	MSB

INSPECTION SUPPLEMENT AND WORK ORDER Page 2 of 4

Reg#: (N) 256ND Work Order #: 1056532

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
3	AD 2002-26-01 Fuel injection lines Insp Eff date: 1-31-03	04 00	1	Complied IAW AD2002-26-01, no defects noted Next due: 43376	04 00	N	10/30	.1		CSC	MSB
4	AD 2006-20-09 Crank shaft replacement Eff date: 11-3-06	04 00	1	AD2006-20-09, NA by engine SN:	04 00	N	10/30	.2		CSC	MSB
5	on return to GFK, turned on heater 2 strong exhaust smell filled cockpit. Heater was shut off as precaution & smell went away	78 00	1	Inspected exhaust system & cabin heat system, no defects noted, ran cabin heat during run up & noticed no smell of exhaust, CO MSB tester showed no traces of CO MSB	78 00	N	10/30	.3		CSC	MSB

INSPECTION SUPPLEMENT AND WORK ORDER Page 3 of 7

Reg#: (N) 2 5410 Work Order #: 1056532

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
6	alternator belt tension is low	24 20	1	tighted alternator belt tension to specs, satisfied	24 20	N	10/30	.2		SL	MSB
7	prop has nicks	61 00	1	dressed prop	61 00	N	10/30	.2		Rel	MSB
8	Bottom cowl is cracked	71 10	1	installed fiberglass patch in accordance with ~~Arrow~~ Rev fiber RA24R-201 maintenance manual 51-70-00	71 10	N	10/30	.5		Rel	MSB

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) 284 ND

Work Order #: 105532

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
9	Bottom Cowl Pin bushings are worn	71 10	1	Removed & Replaced Bottom Cowl Pin bushings	71 10	N	10/30	.1		156	MSB
10	Bottom Cowl Blower Air intake is cracked	71 10	1	Reset fiber glass & installed & patch riveted	71 10	N	10/30	.4		CSL	MSB
11	NL6 up rubber stop is cracked	32 30	1	Removed & Replaced NL6 up rubber stop	32 30	N	10/30	.3		CSL	MSB

INSPECTION SUPPLEMENT AND WORK ORDER Page 5 of 7

Reg#: (N) 284ND Work Order #: 1056532

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
12	Muffler heat shroud air inlet tubing is ~~cracked~~ torn (ISC)	71/60	1	Removed & Replaced Muffler shroud air inlet tube	71/60	N	10/30	.1		ISC	MSB
13	NLG turn limit indication tape bottom placards are worn off	11/20	1	Removed + replaced NLG turn limit indicator top + bottom placard	11/20	N	10/30	.1		Rec	MSB
14	Alternate air door is loose	71/60	1	Removed & Replaced Alternate air bolt & installed washers, ops checked good	71/60	N	10/30	.5		ISC	MSB

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) 299ND

Work Order #: 1056532

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
15	R/H MLG tire is worn	32/40	1	REMOVED & REPLACED	32/40	N	10/30	.4		[illegible]	MSB
				TIRE							
16	L/H Aileron inboard static wick	23/60	1	Removed + replaced L/H	23/60	N	10/30	.1		Rel	MSB
	is broken			Aileron inboard static							
				wick							
17	Stabilator L/H static wick is	23/60	1	Removed + replaced L/H	23/60	N	10/30	.1		Rel	MSB
	broken			Stabilator static wick							
~~if~~	CSC Inspector time	~~05/60~~	~~1~~	~~time~~	05/60						

INSPECTION SUPPLEMENT AND WORK ORDER

Page 1 of 1

Reg#: (N) 28QNP

Work Order #: 1056532

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
18	Pilot Sun visor is loose	25 10	1	Tightened pilot Sun visor	25 10	N	10/30	.2		Rel	MSB
19	Cyl #3 bottom spark plug ceramic is cracked	74 20	1	Removed & Replaced cyl #3 bottom spark plug	74 20	N	10/30	.2		RG	MSB
20	Inspector time	05 60	1	time	05 60	N	10-30	.7		MSB	MSB
21	Witerization plate needs installed	71 70	1	Installed witerization plate	71 70	N	10/30	.2		CSC	MSB

I certify the aircraft airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration with respect to the work performed and found to be airworthy and is approved for return to service.
Certified Repair Station OG5R092N

Authorized Signature [signature]

Date 10-30-06

1. Approving National Aviation Authority/Country: FAA/United States	2. **AUTHORIZED RELEASE CERTIFICATE** FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form 6114/75

4. Organization		5. Work Order, Contract, Invoice or Pick No:
Michelin Aircraft Tire Corp. 515 Michelin Road, Building 56 Greenville, SC 29602	Michelin Aircraft Tyre – Siam Tyre Industry Co.,Ltd. 57 Moo 6 Nongplakradee Rd., Nongplamore, Nongkhae, Saraburi 18140	**DIDS6114N3** 0 Page Attached

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1.	**6.00-6/6/120** Aircraft Tire	**072-314-0**	TSO Article N/A	1	**6093W00153**	New

13. Remarks. :

DIRECT SHIPMENT AUTHORIZATION

Limited life parts must normally be accompanied by maintenance history including total time/total cycle/time since new.

14. Certifies the items identified above were manufactured in conformity to:

☒ Approved design data are in a condition for safe operation.
☐ Non-approved design data specified in Block 13.

19. ☐ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block

Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

15. Authorized Signature:	16. Approval/Authorization No:	20. Authorized Signature: NA	21. Approval Certificate Number: NA
17. Name (typed or printed): **M. Jittakorn Sukto**	18. Date: **06-Apr-06**	22. Name (typed or printed): NA	23. Date: NA

User/Installer Responsibilities

It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the Airworthiness Authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts part/components/assemblies from the airworthiness authority of the country specified in Block 1.

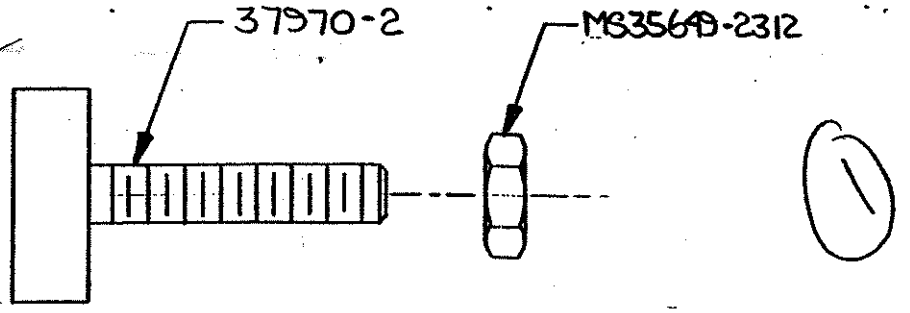
Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

TE:

1 INJECTION MOLDED ONTO -3.

2 -5 ASSY IS FOR SERVICE ONLY. WHEN THIS ASSY IS USED AS A SERVICE REPLACEMENT, THE FOLLOWING NOTE MUST BE IN THE PACKAGE: DRILL AND TAP FOR 5/16-18 UNC 2A ↓ ON MODEL 28RT 201 S/N 8118031 AND UP. USE STOP AS IS "DO NOT DRILL AND TAP"

3 IDENTIFICATION COLOR = NATURAL (WHITE-CREAM).



-5 ASSY.

FAB. DWG. CRIB

							6
							5
							4
		POLYESTER POLYURETHANE (MILLATHANE 66/ COMPOUND # M-66-59) TSE INDUSTRIES			<1><3>		3
010 STL.		COMMERCIAL GRADE		COMMERCIAL GRADE ZINC PLATE .0002 THICK			2
W7534 TSE INDUSTRIES							1
TERIAL	STOCK SIZE	MATERIAL SPECIFICATION	[redacted]	FINISH SPECIFICATION	INSPECTION SPECIFICATION	ZONE	ITEM NO.

THIS DRAWING IS THE PROPERTY OF THE PIPER AIRCRAFT CORP. AND ITS POSSESSION BY UNAUTHORIZED PERSONS SHALL NOT BE CONSTRUED AS PERMISSION TO REPRODUCE FOR SALE, IN WHOLE OR IN PART. ANY DEVICES SHOWN THEREON.

PIPER AIRCRAFT CORP.
VERO BEACH, FLORIDA

DOA DESIGN REVIEW

STRUCTURES		
PROPULSION		
SYSTEMS		
AVIONICS & ELECT.		
FLIGHT TEST		

STOP ASSEMBLY — NOSE GEAR

REF. LAYOUT NO. (S)

SH. 1 OF 1

37970-005 E

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1056593
Tech: SJC
Shop Code: F
Equip Code: A
Opened: 11/2/2006 8:50

OBTAIN ALL INITIALS BEFORE FILING

R/A [initials]
Parts (opt1) ____
Date closed: 11/2/06

Customer: UND Acct#: 205922230 Preliminary Insp ____ In Progress Insp ____

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,730.5 A/F Tach: 4,273.1 Init [initials]

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,445.5	4,445.5
IO-360-C1C6	L46651A	ENGINE (ARROW)	2,111.1	4,160.8
B2D34C213	000908	PROPELLER	1,932.1	4,434.4

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Tech	Insp
1	Stator wick broken	2360	1	replaced stator wick Rt aileron	2360	N	11/2	.5		SA	

[signature]
HAP 502767224

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1056636
Tech: SJC
Shop Code: F
Equip Code: A
Opened: 11/3/2006 10:13

OBTAIN ALL INITIALS BEFORE FILING

84

R/A 84
Parts (optl) ____
Date closed: 11/3/06

Customer: UND Acct#: 205922230 Preliminary Insp ____ In Progress Insp ____

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,736.2 A/F Tach: 4,277.5 Init: @

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,449.9	4,449.9
IO-360-C1C6	L46651A	ENGINE (ARROW)	2,115.5	4,165.2
B2D34C213	000908	PROPELLER	1,936.5	4,438.8

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Tech	Insp
1	Aircraft engine would not start	8010	1	started using aircraft battery - ran to normal oil temp - mags ckd OK	8010	N	11/3	.5		SA	

[signature]
H&P 502767224

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1056917
Tech: JEB
Shop Code: F
Equip Code: A
Opened: 11/17/2006 7:20

OBTAIN ALL INITIALS BEFORE FILING

R/A [signature]
Parts (opti) _____
Date closed: 11/17/06

Customer: UND Acct#: 205922230 Preliminary insp _____ In Progress Insp _____

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,784.5 A/F Tach: 4,315.7 Init JEB

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,488.1	4,488.1
IO-360-C1C6	L46651A	ENGINE (ARROW)	2,153.7	4,203.4
B2D34C213	000908	PROPELLER	1,974.7	4,477.0

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Tech	Insp
1	Oil door latch broken.	71 10	1	Replaced latch. [signature] A+P50Z 641606	71 10	N	11 17	.7		JEB	

[redacted]

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1056939
Tech: JEB
Shop Code: F
Equip Code: A
Opened: 11/20/2006 8:07

OBTAIN ALL INITIALS BEFORE FILING

R/A [initials]
Parts (optl) ____
Date closed: 11/20/06

Customer: UND Acct#: 205922230 Preliminary Insp ____ In Progress Insp ____

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,793.5 A/F Tach: 4,322.6 Init JEB

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,495.0	4,495.0
IO-360-C1C6	L46651A	ENGINE (ARROW)	2,160.6	4,210.3
B2D34C213	000908	PROPELLER	1,981.6	4,483.9

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Tech	Insp
1	Fuel selector lock, caught behind plastic.	28 20	1	Repositioned fuel selector cover. [signature] APS02641606	28 20	N	11 20	.7		JEB	

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1057023
Tech: JWG
Shop Code: W
Equip Code: A
Opened: 11/22/2006 13:41

OBTAIN ALL INITIALS BEFORE FILING

R/A JJ
Parts (optl) JWG
Date closed: 11-22-06

Customer: UND Acct#: 205922230 Preliminary Insp _____ In Progress Insp _____

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,800.5 A/F Tach: 4,328.2 Init JWG

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,500.6	4,500.6
IO-360-C1C6	L46651A	ENGINE (ARROW)	2,166.2	4,215.9
B2D34C213	000908	PROPELLER	1,987.2	4,489.5

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Tech	Insp
1	A/C was dirty	12 20	1	washed A/C	12 20	N	11-22	.8		JWG	
2	A/C required vacuuming	12 20	1	vacuumed A/C	12 20	N	11-22	.2		JWG	

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1057024
Tech: SFB
Shop Code: F
Equip Code: A
Opened: 11/22/2006 14:56

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (optl)

Date closed: 11/22/06 11/28/06

Customer: UND Acct#: 205922230 Preliminary Insp MES In Progress Insp MES

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,800.5 A/F Tach: 4,328.2 Init SB

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,500.6	4,500.6
IO-360-C1C6	L46651A	ENGINE (ARROW)	2,166.2	4,215.9
B2D34C213	000908	PROPELLER	1,987.2	4,489.5

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Tech	Insp
1	Phase 3 insp due	0520	1		0520	N	11/22	6.0		SB	MES
						N	11/22	4.0		JRK	MES
	I certify that this aircraft has been inspected in accordance with a Phase 3 inspection, including, as applicable a routine inspection of ~~Engine, Propeller, Fuselage, Empennage~~, Cabin, and detailed inspection of Wings and Landing gears and was determined to be unairworthy and a list of discrepancies and unairworthy items follows by problem description number: 20 ~~Certified Repair Station OG5R092N~~ Authorized Signature Scott V Bahr Date 11/22/06										
2	AD 2002-26-01 Fuel injection lines due. Date 1/31/03	0400	1	Inspected per SB 342E, no defects noted. Next due: 4397.6	7310	N	11/22	.2		SB	MES
3	SL 1087 Wing aft spar bolt check due	0400	1	complied IAW SL1087, torque checked good	5700	N	11/22	.2		SB	MES

INSPECTION SUPPLEMENT AND WORK ORDER Page 2 of 7

Reg#: (N) 289ND Work Order #: 1057024

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
4	SB UND 8 Wing spar	0400	1	Visual inspection	5700	N	11/22	.1		[illegible]	MES
	chafing due			revealed no defects							
5	SB 1156 NLG Drag link	0400	1	removed ad replaced	0400	N	11/22	.2		Ces	MES
	bolt replacement due			bolt ad installed							
				cotter pin & new bushings							
				next due: 4828.2							
6	Induction air filter	0510	1	Removed & replaced	7160	N	11/22	.1		JRK	MES
	due time change			Induction air filter							
				next due 4528.2							

INSPECTION SUPPLEMENT AND WORK ORDER Page 3 of 7

Reg#: (N) 28JND Work Order #: 1057024

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
7	Lt rec lite inop	3340	1	Removed & replaced Lt rec light	3340	N	11/22	.3		JRC	MES
8	Lt & Rt brake pads worn	32 40	1	Removed & Replaced LH & RH Brake Linings	32 40	N	11/22	.4		CSG	MES
9	Nose gear trunnion bushings worn	3220	1	removed and replaced bushing	3220	N	11/22	.5		CSG	MES

INSPECTION SUPPLEMENT AND WORK ORDER Page 4 of 7

Reg#: (N) 289ND Work Order #: 105702-1

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
10	Lt flap fwd rod end worn	2750	1	Removed & replaced Lt flap fwd rod end	2750	N	11/22	.8		JRK	MES
11	Rt flap bellcrank has excessive play	2750	1	Further inspection revealed to be OK	2750	N	11/22	.1		BB	MES
12	Lt MLG torque link upper bushings worn	3210	1	Replaced bushings; installed new cotter pin	3210	N	11/22	.3		BB	MES

INSPECTION SUPPLEMENT AND WORK ORDER Page 5 of 7

Reg#: (N) 289ND Work Order #: 1057024

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
13	Rt MLG torque link lower bushings worn	3210	1	Removed & Replaced RH MLG lower torque link bushings & bolt	3210	N	11/22	.6		156	MES
14	Nose gear actuator bolt too tight	3220	1	Loosened nut	3220	N	11/22	.1		68	MES
15	Lt gear door rod worn	3210	1	Replaced rod assy, adjusted & secured jam nut, safetied.	3210	N	11/22	.3		68	MES

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) 289NP

Work Order #: 1057024

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
16	Lt gear ~~leg~~ left leg support loose	3210	1	Torqued to specs listed in Piper Svc Manual	3210	N	11/22	.2		SB	MES
17	Lt aileron push rod rod end worn, aileron side	2710	1	Removed + replaced Lt aileron rod end.	2710	N	11/22	.5		JRK	MES
18	Lt aileron bellcrank does not hit stop on down deflection	2710	1	Adjusted stop bolt, secured jam nut, deflection check OK	2710	N	11/22	.3		SB	MES

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) 289ND

Work Order #: 1057024

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
19	Lt aileron O/B pulley	2710	1	removed and	2710	N	11/22	.2		CG	MES
	flat spotted			replaced pulley							
20	battery box strap	2570	1	Ordered new	2570	N	11/22	.1		[illegible]	[illegible]
	broken		2	Removed and replaced	2570	N	11/28	.5		[illegible]	[illegible]
				strap assy.							
21	Insp time	0560	1	Inspection time	0560	N	11/22	2.0		MES	MES

I certify the aircraft airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration with respect to the work performed and found to be airworthy and is approved for return to service. Certified Repair Station OG5R092N.

Authorized Signature [signature]

Date 11-28-06

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1057122
Tech: KHP
Shop Code: A
Equip Code: A
Opened: 11/30/2006 6:39

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opti) SM

Date closed: 11/30/06

Customer: UND Acct#: 205922230 Preliminary Insp KHP In Progress Insp

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,800.8 A/F Tach: 4,328.2 Init KHP

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,500.6	4,500.6
IO-360-C1C6	L46651A	ENGINE (ARROW)	2,166.2	4,215.9
B2D34C213	000908	PROPELLER	1,987.2	4,489.5

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Tech	Insp
1	Biennial insp due	34/10	1	Performed inspection	34/10	N	11/30	2.0		KHP	

I certify that Altimeter and Static Systems tests required by Part 91-411 have been performed.

Static System Test Date 11/30/06

Altimeter Tested to 20,000 feet

Left Altimeter Test Date 11/30/06

Right Altimeter Test Date NA

Name Kyle Peterson
Certified Repair Station OG5R092N

2	Transponder biennial	34/60	1	Performed insp	34/60	N	11/30	1.0		KHP	

I certify that ATC Transponder Test & Inspection Required By FAR Part 91-413 have been performed.

S/N 5597 Date 11/30/06

S/N NA Date

Name Kyle Peterson
CRS OG5R092N

3	Encoder biennial due	34/50	1	Performed insp	34/50	N	11/30	1.0		KHP	

Testing of the Automatic Altitude Reporting Equipment has been complied with as required by FAR 91.[illegible]7.

Date Test Performed 11/30/06

Name Kyle Peterson
Certified Repair Station OG5R092N

I certify the aircraft airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration with respect to the work performed and found to be airworthy and is approved for return to service.
Certified Repair Station OG5R092N

Authorized Signature
Date 11/30/06

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1057405
Tech: DHT
Shop Code: F
Equip Code: A
Opened: 12/12/2006 12:59

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opti)
Date closed: 12/12/06

Customer: UND Acct#: 205922230 Preliminary Insp In Progress Insp

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,833.7 A/F Tach: 4,353.3 Init DHT

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,525.7	4,525.7
IO-360-C1C6	L46651A	ENGINE (ARROW)	2,191.3	4,241.0
B2D34C213	000908	PROPELLER	2,012.3	4,514.8

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Tech	Insp
1	Landing Light inop (MEL)	33 40	1	Removed + replaced lamps. Checks good.	33 40	N	12/12	1.5		DHT	

I certify the aircraft airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration with respect to the work performed and found to be airworthy and is approved for return to service.
Certified Repair Station OG5R022N.

Authorized Signature
Date 12-12-06

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
Mark Andrews Field
Grand Forks, ND 58202

WKO#: 1057419
Tech: MES
Shop Code: F
Equip Code: A
Opened: 12/13/2006 10:46

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt'l)

Date closed: 12/13/06

Customer: UND Acct#: 205922230 Preliminary Insp In Progress Insp

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,836.2 A/F Tach: 4,355.2 Init MES

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,527.6	4,527.6
IO-360-C1C6	L46651A	ENGINE (ARROW)	2,193.2	4,242.9
B2D34C213	000908	PROPELLER	2,014.2	4,516.5

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Tech	Insp
1	Cowling latch broke Completely off. Right Side of Engine	7110	1	Replaced Right Aft latch Assy	7110	V	12/13	.8		MES	

I certify the aircraft airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration with respect to the work performed and found to be airworthy and is approved for return to service.
Certified Repair Station OG550092N.

Authorized Signature
Date 12/13/06

INSPECTION SUPPLEMENT AND WORK ORDER

Odegard School of Aerospace Sci.
University of North Dakota
Grand Forks Intl. Airport
~~Mark Andrews Field~~
Grand Forks, ND 58202

WKO#: 1057624
Tech: CSG
Shop Code: F
Equip Code: A
Opened: 12/29/2006 8:43

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (optl)

Date closed: 12-29-06

Customer: UND Acct#: 205922230 Preliminary Insp ____ In Progress Insp ____

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 5,854.3 A/F Tach: 4,369.7 Init CE

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	4,542.1	4,542.1
IO-360-C1C6	L46651A	ENGINE (ARROW)	2,207.7	4,257.4
B2D34C213	000908	PROPELLER	2,028.7	4,531.0

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Tech	Insp
1	ELT Battery replacement due	05 20	1	Removed & replaced ELT battery, ops checked good Next due: 11/30/08 Clark Gebhard Clark Gebhard A&P 2769406	25 60	N	12/29	.6		CSG	