INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1023778
Mech: MOA
Shop Code: F
Equip Code: A
Opened: 11/5/2002 14:49

OBTAIN ALL
INITIALS BEFORE FILING

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

86

Date closed: 11/5

Customer: UND Acct#: 1244-0518-471 Preliminary Insp ____ In Progress Insp ____

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,962.9 A/F Tach: 1,387.1 Init ____

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	1,559.5	1,559.5
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	1,559.5	1,559.5
B2D34C213	000908	PROPELLER (B2D34C213-B/G-90DHA	1,559.5	1,559.5

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1											

[illegible]

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1023775
Mech: NSP
Shop Code: W
Equip Code: A
Opened: 11/5/2002 14:27

OBTAIN ALL
INITIALS BEFORE FILING

R/A
Parts (optl) N
Date closed: 11/5/02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp ____ In Progress Insp ____

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,962.9 A/F Tach: 1,387.1 Init NSP

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	1,559.5	1,559.5
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	1,559.5	1,559.5
B2D34C213	000908	PROPELLER (B2D34C213-B/G-90DHA	1,559.5	1,559.5

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Aircraft Dirty	12 20	1	Washed and vacuumed	12 20	N	11/5	1.0		NSP	

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1023704
Mech: DPS
Shop Code: A
Equip Code: A
Opened: 11/3/2002 10:23

OBTAIN ALL INITIALS BEFORE FILING

R/A [initials]
Parts (opt) N
Date closed: 11-3-02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp MRS In Progress Insp MRS

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,959.7 A/F Tach: 1,367.7 Init DPS

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	1,540.1	1,540.1
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	1,540.1	1,540.1
B2D34C213	000908	PROPELLER (B2D34C213-B/G-90DHA	1,540.1	1,540.1

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Altimeter and static biennial insp. due	34/10	1		34/10	N	11/3	2.0		DPS	MRS
2	Encoder biennial insp. due	34/10	1		34/10	N	11/3	1.0		DPS	MRS
3	Transponder biennial insp. due	34/50	1		34/50	N	11/3	1.0		DPS	MRS

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

Static System Test Date 11-3-02

Altimeter Tested to 20,000 **feet**

Left Altimeter Test Date 11-3-02

Right Altimeter Test Date N/A

Name Daniel P Gnorty
Certified Repair Station OG5R092N

Testing of the Automatic Altitude Reporting Equipment has been complied with as required by FAR 91-217.

Date Test Performed 11-3-02

Name Daniel P Gnorty
Certified Repair Station OG5R092N

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

S/N 11503 **Date** 11-3-02

S/N N/A **Date** N/A

Name Daniel P Gnorty
CRS 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 Morgan R Strom
Date 11-3-02

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WK0#: 1023653
Mech: KDC
Shop Code: A
Equip Code: A
Opened: 11/1/2002 8:42

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt'l)

Date closed: 11/1/2002

Customer: UND Acct#: 1244-0518-471 Preliminary Insp — In Progress Insp —

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,947.5 A/F Tach: 1,358.1 Init KDC

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	1,530.5	1,530.5
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	1,530.5	1,530.5
B2D34C213	000908	PROPELLER (B2D34C213-B/G-90DHA	1,530.5	1,530.5

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	LAND LIGHT INOP	33/0	1	REMOVED AND REPLACED LAND LIGHT	33/0	N	11/1	0.3		KDC	KHP

Kurt Peterson
A+P 477782584

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1023618
Mech: JDR
Shop Code: F
Equip Code: A
Opened: 10/31/2002 8:50

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opti)

Date closed: 10/31/2002

Customer: UND Acct#: 1244-0518-471 Preliminary Insp _____ In Progress Insp _____

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,941.6 A/F Tach: 1,353.4 Init

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	1,525.8	1,525.8
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	1,525.8	1,525.8
B2D34C213	000908	PROPELLER (B2D34C213-B/G-90DHA	1,525.8	1,525.8

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Starter motor would not engage.	80 00	1	lubricated starter bendix. Started Aircraft.	80 00	N	10/31	.5		JDR	JDR

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 Jay D. Robertson
Date 10/31/2002

...ION SUPPLEMENT AND WORK ORDER

OHN D. ODEGARD SCHOOL OF
EROSPACE SCIENCES
niversity of North Dakota
.O. Box 9007, University Station
rand Forks, ND 58202-9007

Work Order #: 23481 ~~003~~

Date Opened: 10/24/02

OBTAIN ALL INITIALS
BEFORE FILING

R/A ~~N~~ N
Parts (opt.) N

Date Closed: 10/24/02

-Number: 289 ND

Serial #: 2844039

obbs: 1928.5

A/F Tach: 1344.1

A/F Total: _____

Initials: SB

Preliminary Inspec _____ In Progress Inspec : _____

D	Problem Descrip/Discrep (PD)	GAM	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
1	Starter won't engage	8000	1	Lubed bendix Ops ✓ good Scott F Baker A4P3465610 74	8000	N	10/24	.1		SB	

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1023362
Mech: CEC
Shop Code: F
Equip Code: A
Opened: 10/21/2002 15:00

OBTAIN ALL
INITIALS BEFORE FILING

R/A
Parts (optl) SM
Date closed: 10-21-02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp In Progress Insp

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,912.8 A/F Tach: 1,331.9 Init

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	1,504.3	1,504.3
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	1,504.3	1,504.3
B2D34C213	000908	PROPELLER (B2D34C213-B/G-90DHA	1,504.3	1,504.3

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	Phase 1 insp.	05/20	1	C/w phase 1 insp.	05/20	N	10/21	6.0			
	due			Next phase 2 insp.		N	10/21	4.0		NRH	
				due 1387.6							
				I certify that this aircraft has [illegible] phase 1 [illegible] a routine inspection of prop, engine, wings, landing gear and detailed inspection of empennage fuselage, cabin and was determined to be in airworthy condition, and is approved for return to service. Certified Repair Station [illegible] Authorized Signature [signature] Date 10-21-02							
2	Inst. filters due	05/20	1	Replaced inst. filters	37/10	N	10/21	.4			
				Next due tach 1831.9							

INSPECTION SUPPLEMENT AND WORK ORDER Page 2 of 6

Reg#: (N) 289NP Work Order #: 1023362

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
3	L/H Main tire worn	32/40	1	R/R tire with new	32/40	N	10/21	.4		NRH	
				one	32/40	N	10/21	.1			
4	sp.t window latch is loose	56/10	1	tighten latch	56/10	N	10/21	.1			
5	L/H Brake pads are worn	32/40	1	R/R brake pas with new ones	32/40	N	10/21	.3		NRH	
					32/40	N	10/21	.1			

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) 289 ND

Work Order #: 1023362

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
6	L/h brake disk	32/40	1	R/R brak disk with	32/40	N	10/21	.2		NRH	[illegible]
	worn beyond limits			new one	32/40	N	10/21	.1		[illegible]	[illegible]
7	L/H Top cowl ~~Bushing~~	71/10	1	Installed new Bushing	71/10	N	10/21	.1		[illegible]	[illegible]
	FWD Pin Bushing										
	worn										
8	Post light cover Broken	33/10	1	Replaced post light	33/10	N	10/21	.1		[illegible]	[illegible]
	on L/H side of instr. panel			cap							

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) 28900

Work Order #: 1023362

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
9	screw missing on	57/30	1	installed screw	57/30	N	10/21	.1		MH	
	R/H wing inboard panel				57/30	N	10/21	.1			
10	Elevator pulleys at	27/30	1	lubed pulleys, ops check	27/30	N	10/21	.1			
	center cluster stiff			good							
11	power pack needs	12/10	1	Serviced power pack	12/10	N	10/21	.1			
	fluid										

INSPECTION SUPPLEMENT AND WORK ORDER Page 3 of 6

Reg#: (N) 289ND Work Order #: 1023362

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
12	~~Co-~~Pilots inboard seat spring broken	25/10	1	Replaced seat spring	25/10	N	10/21	.5		NRH	
				ops. check good	25/10	N	10/21	.1			
13	Pilots seat cable is frayed	25/10	1	R/R cable with new one	25/10	N	10/21	.4		NRH	
					25/10	N	10/21	.1			
14	Nose ~~Turn~~ Taxi limit placard is unreadable	11/20	1	Replaced placard	11/20	N	10/21	.1			

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) 289ND

Work Order #: 102336 2

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
15	Prop has nicks	61/00	1	filed prop	61/00	N	10/21	.2			
16	Insp. Time	05/00	1	time	05/00	N	10/21	1.0			

I certify the aircraft airframe, aircraft engine, propeller, o
appliance identified above was repaired and inspected in
accordance with current regulations of the Federal Aviati
Administration with respect to the work performed and
found to be airworthy and is approved for return to service.
Certified Repair Station LOCR092N.
Authorized Signature
Date 10-21-02

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1023343
Mech: JJV
Shop Code: W
Equip Code: A
Opened: 10/21/2002 12:09

OBTAIN ALL INITIALS BEFORE FILING

R/A DP
Parts (opti) SM

Date closed: 10-21-02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp _____ In Progress Insp _____

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,912.8 A/F Tach: 1,331.9 Init _____

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	1,504.3	1,504.3
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	1,504.3	1,504.3
B2D34C213	000908	PROPELLER (B2D34C213-B/G-90DHA	1,504.3	1,504.3

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	Aircraft dirty	12 00	1	Washed and vac.	12 00	N	10/21	1.0		JJV	

[redacted]

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1023140
Mech: SJC
Shop Code: F
Equip Code: A
Opened: 10/12/2002 11:05

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt)

Date closed: 10/12/2002

Customer: UND Acct#: 1244-0518-471 Preliminary Insp In Progress Insp

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,873.2 A/F Tach: 1,300.8 Init KE

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	1,473.2	1,473.2
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	1,473.2	1,473.2
B2D34C213	000908	PROPELLER (B2D34C213-B/G-90DHA	1,473.2	1,473.2

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	LANDING LIGHT	3340	1	REPLACED GROUND	3340	N	10/12	1.3		KE	
	GROUND WIRE			WIRE AT LANDING		N	10/12	1.3		BSS	
	~~HAS~~ IS BROKEN			LIGHT							
2	LANDING LIGHT	3340	1	REMOVED AND REPLACED	3340	N	10/12	0.4		KE	
	IS BURNED OUT			LANDING LIGHT		N	10/12	0.4		BSS	

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 10/12/2002

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1022899
Mech: SFB
Shop Code: F
Equip Code: A
Opened: 10/2/2002 18:15

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt'l)
Date closed: 10/02/02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp JEB In Progress Insp JEB

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,843.1 A/F Tach: 1,277.0 Init SB

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	1,449.4	1,449.4
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	1,449.4	1,449.4
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	1,449.4	1,449.4

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	Alternator failed in flight	2400	1	Replaced worn brushes w/ new	2400	N	10/02	1.0		SB	JEB

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 OG8R092N.
Authorized Signature
Date 10/02/02

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1022766
Mech: TWC
Shop Code: F
Equip Code: A
Opened: 9/28/2002 7:57

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt)
Date closed: 9-28-02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp DFT In Progress Insp DFT

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,833.8 A/F Tach: 1,270.4 Init

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	1,442.8	1,442.8
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	1,442.8	1,442.8
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	1,442.8	1,442.8

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	PHASE 4 INSP DUE	05 20	1	PHASE 4 INSP COMPLETE	05 20	N	09/28	4.0		JMA	DFT
	#1 72/80 #2 73/80			PHASE 1 INSP DUE 1327.6		N	9/28	.5		JMC	DFT
	#3 74/80 #4 76/80			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 & PROPELLER and was determined to be in airworthy condition, and is approved for return to service. Certified Repair Station OG5R092N Authorized Signature Date 9-28-02						
2	AD 93-02-05 DUE	04 00	1	INSPECTED INJECTOR LINES	04 00	N	9/28	.2		JMC	DFT
				IAW AD 93-02-05 REV 6-14-93							
				NEXT DUE 1397.6							
3	UPPER DOOR LEGAL	52 10	1	REMOVED & REPLACED WITH	52 10	N	09/28	.1		JMA	DFT
	GROMMET TORN			NEW DOOR LATCH GROMMET		N	9/28	.0		JMC	DFT

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) 289 NS

Work Order #: 1022766

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
4	SPIT WINDOW LATCH LOOSE	56 10	1	TIGHTENED SPIT WINDOW LATCH	56 10	N	9/28	.1		JMA	DFT
						N	9/28	.1		JMA	DFT
5	#4 ROCKER COVER LEAKING	72 30	1	INSTALLED NEW #4 ROCKER	72 30	N	9/28	.3		JMA	DFT
				COVER GASKET							
6	PROP NICKED	61 00	1	FILED & CLEANED	61 00	N	09/28	.4		JMA	DFT
				PROP		N	9/28	.1		JMA	DFT

INSPECTION SUPPLEMENT AND WORK ORDER Page 3 of

Reg#: (N) 289 ND Work Order #: 1622766

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
7	THROTTLE QUADRANT FACE CRACKED	76 10	1	REMOVED & REPLACED	76 10	N	9/28	.2		JMA	DFT
				WE REPAIRED WITH NEW THING		N	9/28	.1		JMA	DFT
				QUADRNT COVER							
8	#2 FUEL INJECTOR SCREEN	73 10	1	INSTALLED NEW FUEL INJECTOR	73 10	N	9/28	.1		JMA	DFT
	MISSING										
9	MUFFLER SHROUD HOSE ASSY CRACKED	78 00	1	R&R MUFFLER SHROUD HOSE	78 00	N	9/30	.2		JMA	DFT
				ASSY W/NEW							

INSPECTION SUPPLEMENT AND WORK ORDER

Page 4 of

Reg#: (N) 289 ND

Work Order #: 1022766

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
10	INSPECTOR'S TIME	05 60	1	INSPECTORS TIME	05 60	N	9/28	1.0			DPT
				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 QG5R002N~~ Authorized Signature Date 9-28-02							

INSPECTION SUPPLEMENT AND WORK ORDER

Page 1 of 1

...hool
...ces
...Dakota
...y Station
...58202-9007

WKO#: 1021640
Mech: DFT
Shop Code: X
Equip Code: I
Opened: 8/13/2002 7:09

OBTAIN ALL INITIALS BEFORE FILING

R/A _____
Parts (opt) _____
Date closed: 8-26-02

Acct#: 0700-8281-801
Preliminary Insp DFT
In Progress Insp DFT

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

...blem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
THROTTLE	76/00	1	REPLACED	76/00	N	8/26	.8		DFT	DFT
QUADRANT COVER			TOP & F QUADRANS							
NEEDS REPAIR			COVER AND FASTENERS							
~~ARROW~~			NEW DECAL							
P/N 67232-046										

PARTS INCOMING INSPECTION

Date Rec'd 8-26-02 Clerk AL
PO #/Batch # OR1002730 OR1002784
Inspected by _____
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 OG8R092N.

Authorized Signature [signature]
Date 8-26-02

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1022666
Mech: SJC
Shop Code: F
Equip Code: A
Opened: 9/26/2002 7:44

OBTAIN ALL
INITIALS BEFORE FILING

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

Date closed: 9/26/2002

Customer: UND Acct#: 1244-0518-471 Preliminary Insp ____ In Progress Insp ____

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,817.9 A/F Tach: 1,257.9 Init [initials]

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	1,430.3	1,430.3
IO-360-C1C6	L2936951A	ENGINE (ARROW)(APPL# 9325)	1,430.3	1,430.3
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	1,430.3	1,430.3

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	MLG struts low	3210	1	serviced MLG struts with N^2	1210	N	9/26	.5		SA	
2	tires low	3240	1	serviced tires	1210	N	9/26	.1		SA	

[signature]
H&H 502767224

22656

289ND

INSPECTION SUPPLEMENT AND WORK ORDER

Page 1 of 1

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1022656
Mech: JEB
Shop Code: F
Equip Code: A
Opened: 9/25/2002 18:44

OBTAIN ALL
INITIALS BEFORE FILING

R/A
Parts (opt) N
Date closed: 2-25-02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp JEB In Progress Insp JEB

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,816.1 A/F Tach: 1,257.9 Init JEB

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	1,430.3	1,430.3
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	1,430.3	1,430.3
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	1,430.3	1,430.3

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Mag drop excessive, C/H mag.	74 20	1	Cleaned fouled spark plug. [signature] A+P502641606	74 20	N	9 25	.5			JEB

INSPECTION SUPPLEMENT AND WORK ORDER

John D. ~~Odegard~~ School of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1022535 22535
Mech: JEB
Shop Code: F
Equip Code: A
Opened: 9/21/2002 10:41

OBTAIN ALL INITIALS BEFORE FILING
R/A
Parts (optl)
Date closed: 9-21-02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp JEB In Progress Insp JEB

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,786.9 A/F Tach: 1,235.1 Init JEB

Part# 289ND	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	1,407.5	1,407.5
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	1,407.5	1,407.5
B2D34C213	000909	PROP (B2D34C213-B/G-90DHA16) ARI	1,407.5	1,407.5

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Landing light inop.	~~33~~ 40	1	Replaced lamp.	33 40	N	9 21	.5			JEB

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 9-21-02

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1022479
Mech: PDH
Shop Code: F
Equip Code: A
Opened: 9/19/2002 22:43

OBTAIN ALL
INITIALS BEFORE FILING

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

Date closed: 9/19/02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp PDH In Progress Insp PDH

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,778.7 A/F Tach: 1,228.0 Init PDH

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	1,400.4	1,400.4
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	1,400.4	1,400.4
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	1,400.4	1,400.4

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Rough mag on run-up Ran rough on Left mag.	74 10	1	Ran engine & leaned mixture - Mag drops returned to normal Ops ✓ good.	74 10	N	9/19	.3		PDH	PDH

[signature]
A+P468968071 IA

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1022398
Mech: PDH
Shop Code: F
Equip Code: A
Opened: 9/17/2002 15:57

OBTAIN ALL
INITIALS BEFORE FILING

R/A
Parts (opt)

Date closed: 9/17/02

Customer: UND Acct#: 1244-0518-471

Preliminary Insp PDH In Progress Insp PDH

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,774.9 A/F Tach: 1,225.4 Init PDH

Part#	Serial#	Description	TSO	Total Time
289ND				
PA28R-201	2944039	AIRFRAME (ARROW)	1,397.8	1,397.8
IO-360-C1C6	L2938851A	ENGINE (ARROW)(APPL# 9325)	1,397.8	1,397.8
B2D34C213	000909	PROP (B2D34C213-B/G-90DHA16) ARI	1,397.8	1,397.8

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Pilot side right toe brake is disconnected	32 40	1	Located clevis pin & washer & re-installed with new cotter pin	32 40	N	9/17	.3		PDH	PDH

Paul D. Hamilton
A&P 1689807 IA

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1022345
Mech: BSS
Shop Code: A
Equip Code: A
Opened: 9/16/2002 15:20

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opti)
Date closed: 9/16/02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp PDH In Progress Insp PDH

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,786.5 A/F Tach: 1,219.4 Init BSS

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	1,391.8	1,391.8
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	1,391.8	1,391.8
B2D34C213	000909	PROP (B2D34C213-B/G-90DHA16) ARI	1,391.8	1,391.8

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	HSI showed incorrect heading + did not respond to manual correction.	34/40	1	Ran up A/C and compared HSI heading to compass rose. Showed correct heading for all 4 cardinal headings. Switched to free mode and compass card moved both to the left and right. Could not duplicate pilot descrep. All ops check good at this time.	34/40	N	9/16	0.7		BSS	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 9/16/02

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1022272
Mech: AFS
Shop Code: F
Equip Code: A
Opened: 9/15/2002 8:48

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt'l) JS
Date closed: 9-15-02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp SS In Progress Insp SS

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,758.4 A/F Tach: 1,212.9 Init AFS

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	1,385.3	1,385.3
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	1,385.3	1,385.3
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	1,385.3	1,385.3

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	Door won't latch	52 10	1	Adjusted upper door latch. Ops check good.	52 10	N	9/15	.3		AFS	SS

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 9/15/02

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1022252
Mech: MOA
Shop Code: F
Equip Code: A
Opened: 9/14/2002 8:07

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt'l) JS

Date closed: 9-14-02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp Insp In Progress Insp

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,757.0 A/F Tach: 1,212.1 Init MOA

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	1,384.5	1,384.5
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	1,384.5	1,384.5
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	1,384.5	1,384.5

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Phase 3 Insp due	05 20	1		05 20	N	9/14	5.5	X	MOA	
						N	9/14	4.0		MOA	

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 & landing gear and was determined to be in airworthy condition, and is approved for return to service
Certified Repair Station OG5R092N
Authorized Signature
Date 9-14-02

Phase 4 due @ 1267.6 Tach time

2	AD93-02-05	04 20	1	Insp Inj. lines	04 20	N	9/14	.5	X	MOA	
	Inj lines Insp			IAW AD93-02-05							
	Rev 6-14-93			No defects noted							
				next due @ 1277.6 Tach time							

INSPECTION SUPPLEMENT AND WORK ORDER Page 2 of 6

Reg#: (N) 289ND Work Order #: 1022252

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
3	SB1119 Toe brake Installation	04 00	1	Insp and found	04 00	N	9/14	.1	+	MDA	SS
	Insp			correct parts Installed							
	Rev 8-16-02										
4	Prop Nicked	61 00	1	Dressed prop	61 00	N	9/14	.2		PKM	SS
						N	9/14	.1	+	MDA	SS
5	#4 cyl Rocker Cover	72 30	1	Installed new screw	72 30	N	9/14	.1		PKM	SS
	missing screw						9/14	.1	+	MDA	SS
6	Air filter Dirty	71 60	1	Removed and replaced	71 60	N	9/14	.2		PKM	SS
				air filter		N	9/14	.1	+	MDA	SS
				Next due @ 14/12.1 tach time							

INSPECTION SUPPLEMENT AND WORK ORDER Page 3 of 6

Reg#: (N) 289ND Work Order #: 1022252

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
7	Elevator has loose	27 30	1	Tightened bolt on	27 30	N	9/14	.3		PKM	SB
	Bolt at R/H hinge			Stabilator at pivot		N	9/14	.1	X	MA	SB
				point							
8	Static wick	23 60	1	Installed new	23 60	N	9/14	.1		PKM	SB
	missing L/H Flap			Static wick		N	9/14	.1	X	MA	SB
9	R/H Strobe lens	33 40	1	Secured strobe	33 40	N	9/14	.2		PKM	SB
	loose			lens with RTV			9/14	.1	X	MA	SB
				Silicone							

INSPECTION SUPPLEMENT AND WORK ORDER Page 4 of 6

Reg#: (N) 289ND Work Order #: 1022252

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
10	upper door latch	52 10	1	Installed new screw	52 10	N	9/14	.1		PKM	SB
	plate missing screw			and washer		N	9/14	.1	X	MA	SB
11	R/H Main tire	32 40	1	Removed and replaced	32 40	N	9/14	.3		PKM	SB
	worn			R/H main tire.		N	9/14	.1	X	MA	SB
12	R/H Outboard pulley	27 10	1	R+R pulley	27 10	N	9/14	.3	+	MA	SB
	flat spotted			lubed ops ok							

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) 289NA

Work Order #: 1022252

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
13	L/H + R/H Inboard	27/10	1	Lubed pulley	27/10	N	9/14	.2	+	MA	SB
	Aft pulleys			ops √ OK							
	frozen										
14	R/H Main missing	32/10	1	Installed New	32/10	N	9/14	.1	+	MA	SB
	wheel nut spacer			Spacer							
15	Brake resivoiron	32/40	1	serviced Res	12/10	N	9/14	.1		PKM	SB
	low			to limits with	*	N	9/14	.1	+	MA	SB
				Mil-H-560b							

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) 289ND

Work Order #: 022252

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
16	Insp time	05 60	1	Insp	05 60	N	9/14	.5			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 Steven R Baker

Date 9/14/02

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1022231
Mech: DHT
Shop Code: F
Equip Code: A
Opened: 9/13/2002 13:11

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt'l) JS
Date closed: 9/13/02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp _____ In Progress Insp _____

N#: ~~N288ND~~ 289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,754.3 A/F Tach: 1,210.2 Init. DHT

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	1,382.6	1,382.6
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	1,382.6	1,382.6
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	1,382.6	1,382.6

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Rudder usage on gnd operations difficult to Control. Heavy resistance on the left side. Nose wheel steering seemed ineffective.	32 50	1	Insp. NL6, No defects noted. Taxied A/C, steering is normal. D Shum AP4727786066	32 50	N	9/13	.5		DHT	

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1021775
Mech: DPS
Shop Code: A
Equip Code: A
Opened: 8/25/2002 8:06

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt'l)

Date closed: 9/11/02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp In Progress Insp

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,731.8 A/F Tach: 1,195.1 Init: KHP

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	1,367.5	1,367.5
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	1,367.5	1,367.5
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	1,367.5	1,367.5

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	VOR needles peg to left or right only with engine running	34/50	1	Confirmed, tested HSI, nav convertor nav receiver and determined problem to be faulty wiring	34/50	N	8/29	6.5		BSS	
					34/50	N	8/29	4.0		KDC	
					34/50	N	9/6	4.0		KDC	
					34/50	N	9/6	3.0		KHP	
					34/50	N	9/09	5.0		BSS	
			2	Determined high resistance short exist in wiring between VOR convertor and HSI, replaced resolver wiring between convertor and nav/gps relay. Replaced -Nav flag wiring between relay and HSI. Tests good. Replaced interior and seats.	3450	N	9/9	3.0		KHP	
					3450	N	9/9	3.0		KDC	
					3450	N	9/10	4.0		KHP	
					34/50	N	9/10	4.0		BSS	

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) 289ND

Work Order #: 102175

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech
2	HSI wouldn't maintain correct heading precession 90° in 30 mins Removed RG 102A S/N 44222	34/40	1	Found DG Gyro to be bad. R+R Gyro. Ops checks good. Installed S/N 44306	34/90	N	9/10	1.0		BSS
3	Door slide assembly broken.	52/10	1	R+R door slide assembly. Ops checks good.	52/10	N	9/10	0.3		BSS

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 9/11/2002

1. Appoving National Aviation Authority/Country:	2.	3. Form Tracking Number:
FAA/UNITED STATES	**AUTHORIZED RELEASE CERTIFICATE** FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG	AV 4772

4. Organization Name and Address.	5. Work Order, Contract, or Invoice Number:
Honeywell International Inc. One Technology Center 23500 West 105th Street Olathe Kansas 66061	AV 4772

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	44306	Inspected

13. REMARKS

Unit aligned and tested per KG102A 060-0015-00 approved documents

"Certifies that the work specified in block 12/13 was carried out in accordance with JAR 145 and with respect to that work the aircraft component is considered ready for release to service under JAA Accepted Certificate Number JAA.4140"

Repairman Certificate Number: 2612921

14. Certifies the item 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 with Title 14, Code of Federal Regulations, part 43 and in respect to the work, the items are approved for return to service.

15. Authorized Signature:	16. Approval Authorization No:	20. Authorized Signature: Charles Wood	21. Approval/Certificate No: PR2R093L
17. Name (Type or Printed):	18. Date (m/d/y):	22. Name (Typed or Printed): Charles Wood	23. Date (m/d/y): 2612921

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

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 regulation by the user/installer before the aircraft may be flown.

...TIONAL INC.
...TATION PR2R093L
...221,800,000

OLATHE SUPPORT CENTER
23500 W 105TH ST.
OLATHE, KANSAS 66061
TELEPHONE (913) 782-0600

RETURN EQUIPMENT WORK ORDER
(Return Goods Order)

002523-20020603-771

...IVERSITY OF NORTH DAKOTA — WO #: AV4772 — DATE: 5/15/2002
...ONE — DATE RECD: 6/03/2002 — DATE REQ: 6/17/2002

...: TYPE #: KG 0102A — REPAIR ACTION: WARRANTY ☒ XX — NON WARRANTY ☐ — MSA ☐
...CD: S/N 44306 — P/N 060-0015-00 — EQUIV P/N
...EPL: S/N — P/N — EQUIV P/N
...PE: — A/C FLT HOURS: 000000 — TECH #: A-01605 — ADM #:
...SER #: — UNIT FLT HOURS: 000000 — MOD STATUS IN: 1-08
...C TAIL #: — DATE REMOVED: 5/29/2002 — MOD STATUS OUT: 1-8
REJ DOC: — REMOVAL AREA II — PIA #: * — SW STATUS IN: N/A N/A
ESTIMATE REQ: — GOV'T INSPECTION REQ: — SW STATUS OUT: N/A
REMOVAL REASON: WILL NOT CORRECTLY INDICATE HEADING

VERIFIED: No

SPECIAL INSTRUCTIONS: RMA_# 00005117
RA#: 0000

PRELIMINARY ANALYSIS: Unable to verify complaint

CORRECTIVE ACTION: Unit aligned and tested per MPS

AS SPEC: 004-00197-0000 Rev. BJ — ATA #: — AIRLINE EO:

PARTS USED

QTY	SYMBOL	PART NUMBER	S/N	QTY	SYMBOL	PART NUMBER	S/N

INSPECTION AND TEST SIGNOFF:

HIDDEN DAMAGE: — DATE
PRELIMINARY: [illegible] — DATE 6-17-02
FINAL TEST: [illegible] — DATE 6-18-02
FINAL RELEASE: [illegible] — DATE 6-18-02
RETURN TO SERVICE ISSUED: YES X NO — DATE 6-18-02

RETURN TO SERVICE ISSUED ON FAA 8130-3

CUSTOMER COPY (A)

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1021646
Mech: PDH
Shop Code: F
Equip Code: A
Opened: 8/13/2002 13:08

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt) SMF
Date closed: 8/13/02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp JEB In Progress Insp JEB

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,707.7 A/F Tach: 1,175.7 Init PDH

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	1,348.1	1,348.1
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	1,348.1	1,348.1
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	1,348.1	1,348.1

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	Forward right cowl latch broken	71 10	1	Replaced w/ new latch	71 10	N	8/13	.5		PDH	JEB

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 8/13/02

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1021377
Mech: CJS
Shop Code: W
Equip Code: A
Opened: 7/29/2002 21:51

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt'l) N/A

Date closed: 7/29/02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp _____ In Progress Insp _____

N#: N289ND Acft Type: ARRO Model: PA28R-201 Bill Meter: 1,676.1 A/F Tach: 1,149.3 Init CJS

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	1,321.7	1,321.7
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	1,321.7	1,321.7
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	1,321.7	1,321.7

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Aircraft Dirty	1220	1	Cleaned Aircraft	1220	N	7/29	1.0		CJS	

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1021379
Mech: SJR
Shop Code: F
Equip Code: A
Opened: 7/30/2002 6:53

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (optl)

Date closed: 7/30/02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp KHP In Progress Insp KHP

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,676.1 A/F Tach: 1,149.3 Init Smc

Part# 289ND	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	1,321.7	1,321.7
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	1,321.7	1,321.7
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	1,321.7	1,321.7

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1.	Phase 2 Insp due	05 20	1	Phase 2 Insp Complete	05 20	N	7/30	5.0		Smc	KHP
	Compressions			Phase 3 Next due @		N	7/30	4.0		[illegible]	KHP
	#1 73/80			1207.6							
	#2 70/80										
	#3 72/80										
	#4 75/80										
2.	AD 93-02-05	04 00	1	Inspected Injection	73 10	N	7/30	.2		Smc	KHP
	Injection Lines			Lines No defects noted							
	Amend date 6/14/93			Next due @ 1217.6							
3.	Landing Light Insp	33 40	1	R&R Landing Lt	33 40	N	7/30	.2		[illegible]	KHP
				Ops ✓ good							

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 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 7/30/02

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) 289ND

Work Order #: 21379

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
4.	Oil Filler Tube Loose	79/00	1	Tightened Oil Filler Tube & Sealed Leak. Good	79/00	N	7/30	.2		[illegible]	KHP
5.	Cam Bushings worn	71/10	1	R&R Lower Cowl Bushings	71/10	N	7/30	.1		[illegible]	KHP
6.	Exhaust Muff Torn	78/00	1	Removed and Replaced Exhaust Muff	78/00	N	7/30	.1		[illegible]	KHP

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) 289ND

Work Order #: 21379

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
7.	Lower door hinge door	52 10	1	R:R Rivets &	52 10	N	7/30	.6		[illegible]	KHP
	Rivets loose			TIGHTENED Lower Door							
				hinge screws Ops ✓ good							
8.	Stabilator mountbolts	55 10	1	Removed Cap tightened	55 10	N	7/30	.4 ~~.4~~ SMC		SMC	KHP
	Loose			Both Bolts Stabilator							
				Checks good. Reinstalled							
				Cap							
9.	Copilots fwd spar	25 10	1	R:R Copilots Spar	25 10	N	7/30	.2		[illegible]	KHP
	Cover cracked			Cover							

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) 28900 Work Order #: 21379

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
10	Fwd Lower Cowl fasteners need to be adjusted	71/10	1	Adjusted Cowl fasteners	71/10	N	7/30	.2		[redacted]	KHP
11.	Nose Gear needs Valve Cap Installed	32/40	1	Installed New Cap	32/40	N	7/30	.1		[redacted]	KHP
12	Control Columns Stiff	27/30	1	Cleaned Control Yokes & Lubricated	27/30	N	7/30	.1		[redacted]	KHP

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) 289NB

Work Order #: 21379

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
13	Prop Nicked	61/00	1	Filed Prop	61/00	N	7/30	.2			KHP
14	Oil Cooler Fwd Fitting leaking	79/00	1	Tightened Fitting & Oil Cooler line Leak Check good	79/00	N	7/30	.2			KHP
15	Air filter dirty	79/00	1	Removed and Replaced air filter Nut due @ 13493	71/00	N	7/30	.1			KHP

INSPECTION SUPPLEMENT AND WORK ORDER

Page 1e of 1e

Reg#: (N) 2894D

Work Order #: 21579

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
16	Inspection Time	05/60	1	Inspected	05/60	N	7/30	.5		1	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 Kirk Peterson

Date 7/30/02

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1021120
Mech: PDH
Shop Code: F
Equip Code: A
Opened: 7/17/2002 12:57

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (optl)
Date closed: 7-17-02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp In Progress Insp

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,605.0 A/F Tach: 1,092.5 Init: PDH

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	1,284.9	1,284.9
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	1,284.9	1,284.9
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	1,284.9	1,284.9

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	Phase 1 Insp Due	05 20	1	Completed Phase 1 Insp	05 20	N	7/17	5.0		PDH	
				IAW UND checklist		N	7/17	3.0		NRH	
				Next Phase (2) due tach 1147.6							
				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 OGSR092N. Authorized Signature [signature] Date 7/17/02						
2	AD 93-02-05 Rev date 6-14-93 injection lines due	04 00	1	Clw AD by visual insp of injection lines No defects noted. AD next due tach 1157.6	04 00	N	7/17	.2		PDH	
3	Idle mixture rich + idle speed low	73 10	1	Adjusted idle speed & mixture	73 10	N	7/17	.1		PDH	

INSPECTION SUPPLEMENT AND WORK ORDER Page 2 of 4

Reg#: (N) 289ND Work Order #: 1021120

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	
4	Prop nicked	61 00	1	Dressed prop leading	61 00	N	7/17	.1		PDH	
				edges		N	7/17	.2		NRH	
5	#1 side baffle seal	72 30	1	Replaced with new	72 30	N	7/17	.1		PDH	
	torn			section of baffle seal		N	7/17	.5		NRH	
6	Left brake linings	32 40	1	Replaced with new	32 40	N	7/17	.1		PDH	
	worn			brake linings		N	7/17	.4		NRH	
7	Screw missing in	57 30	1	Installed new	57 30	N	7/17	.1		PDH	
	left wing outboard			screw in panel		N	7/17	.1		NRH	
	inspection panel										

INSPECTION SUPPLEMENT AND WORK ORDER Page 3 of 4

Reg#: (N) 289ND Work Order #: 1021120

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Ins
8	Right brake lining worn	32 40	1	Replaced with new linings	32 40	N	7/17	.1		PDH	
						N	7/17	.4		NRH	
9	Roll pin binding on co-pilot seatback release	25 10	1	Removed & Replaced Roll Pin	25 10	N	7/17	.3		NRH	
							7/17	.1		PDH	
10	Stabilator trim cable tension low	27 30	1	Adjusted cable tension to spec & safetied turnbuckles	27 30	N	7/17	.2		PDH	
11	No springback in stabilator up position.	27 30	1	Adjusted cables to allow full travel to stops with adequate springback & proper cable tension & safetied turnbuckles	27 30	N	7/17	.3		PDH	

INSPECTION SUPPLEMENT AND WORK ORDER

Page 4 of 4

Reg#: (N) 289ND

Work Order #: 102120

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Inv
12	Both seatback return springs broken on pilot seat	25 10	1	Replaced with new springs	25 10	W	7/17	.5		PDH	
13	INSP	05 60	1	INSP	05 60	N	7/17	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 0G5R093N.

Authorized Signature

Date 7-17-17

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1021102
Mech: CJS
Shop Code: W
Equip Code: A
Opened: 7/16/2002 21:45

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt'l) N/A

Date closed: 7/16/02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp _____ In Progress Insp _____

N#: N288ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,805.0 A/F Tach: 1,082.5 Init CJS

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	1,264.9	1,264.9
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 8325)	1,264.9	1,264.9
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA18) ARI	1,264.9	1,264.9

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	Aircraft Dirty	1220	1	Cleaned Aircraft	1220	N	7/16	1.0		CJS	

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1021080
Mech: KHP
Shop Code: A
Equip Code: A
Opened: 7/16/2002 10:42

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt'l)

Date closed: 7/16/02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp — In Progress Insp —

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,599.5 A/F Tach: 1,090.5 Init KHP

Part# 289ND	Serial#	Description	TSO	Total Time
PA28R-201	2944039	AIRFRAME (ARROW)	1,262.9	1,262.9
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	1,262.9	1,262.9
B2D34C213	000909	PROP (B2D34C213-B/G-90DHA16) ARI	1,262.9	1,262.9

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	HSI in NAV mode showing incorrect deviation on #1 CDI	34/50	1	Unable to confirm tested NAV1 accuracy on many radials. Tests good at this time	34/50	N	7/16	.5		KHP	

Kirk Peterson
A&P 477282584

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1021019
Mech: RMK
Shop Code: F
Equip Code: A
Opened: 7/13/2002 8:37

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt): SM

Date closed: 7-13-02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp RMK In Progress Insp RMK

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,577.7 A/F Tach: 1,071.4 Init RMK

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	1,243.8	1,243.8
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	1,243.8	1,243.8
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA18) ARI	1,243.8	1,243.8

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1.	THROTTLE/MIX/PROP CABLES TOO STIFF	76/10	1	LUBRICATED BOTH ENDS OF CABLES	76/10	N	7/13	1.0		RMK	RMK
				ops ✓ good							

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 Stout
Date 7-13-2002

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1020985
Mech: MRS
Shop Code: F
Equip Code: A
Opened: 7/11/2002 20:33

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt'l) SS
Date closed: 7-11-02

Customer: UND Acc#: 1244-0518-471 Preliminary Insp MRS In Progress Insp MRS

N#: N289ND Acft Type: ARRO Model: PA28R-201 Bill Meter: 1,564.7 A/F Tach: 1,062.1 Init MRS

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	1,234.5	1,234.5
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	1,234.5	1,234.5
B2D34C213	000909	PROP (B2D34C213-B/G-90DHA18) ARI	1,234.5	1,234.5

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	Landing light Inop	33-40	1	Removed & Replaced Landing Light Ops Checked Good	33-40	N	7/11	.5		MRS	MRS

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 Short
Date 7-11-02

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1021030
Mech: MRS
Shop Code: F
Equip Code: A
Opened: 7/13/2002 20:58

OBTAIN ALL INITIALS BEFORE FILING

R/A [signature]
Parts (optl) [initials]
Date closed: 7-14-02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp — In Progress Insp —

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,582.6 A/F Tach: ~~1,075.2~~ 1075.7 Init AFS

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	1,247.6	1,247.6
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	1,247.6	1,247.6
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	1,247.6	1,247.6

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	Rt Main Tire Flat A/C at Theif River Falls, MN.	32-40	1	Coordinated with SOF to have crew secure the aircraft on the ramp at Thief River and UND will pick Them Up and return Them to GFK.	32-40	N	7/13	1.0		MNA	
2		32 40	2	Drove to TVF, R&r'd wheel assembly with Servicable unit. Returned to GFK.	32 40	N	7/14	3.0		AFS	

Avram Slanger 571313714 A&P

Avram Slanger

INSPECTION SUPPLEMENT AND WORK ORDER

Page 1 of 1

[redacted]ool
[redacted]nces
[redacted]h Dakota
[redacted]ersity Station
[redacted], ND 58202-9007

WKO#: 1020338
Mech: BTM
Shop Code: F
Equip Code: I
Opened: 6/13/2002 9:48

OBTAIN ALL INITIALS BEFORE FILING

R/A _____
Parts (opt'l) _____
Date closed: 6-13-02

[redacted]r: UND Acct#: 0700-8261-801 Preliminary Insp CAS In Progress Insp CAS

AcftType: Bill Meter: A/F Tach: Init

oblem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
Spare wheel ass'y need new B wheel half	3240	1	disassembled wheel, replaced B wheel half and reassembled Installed new bearing & packed bearing with grease	3240	N	6/13	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 6/13/2002

Danger

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1021031
Mech: AFS
Shop Code: F
Equip Code: A
Opened: 7/14/2002 8:01

OBTAIN ALL INITIALS BEFORE FILING

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

Customer: UND Acct#: 1244-0518-471 Preliminary Insp ____ In Progress Insp ____

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,582.6 A/F Tach: 1,076.7 Init ____

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	1,248.1	1,248.1
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	1,248.1	1,248.1
B2D34C213	000908	PROP (B2D34C213-B/G-80DHA16) ARI	1,248.1	1,248.1

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Right m										

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1021035
Mech: KHP
Shop Code: F
Equip Code: A
Opened: 7/14/2002 12:37

OBTAIN ALL INITIALS BEFORE FILING

R/A [initials]
Parts (opt) SMT
Date closed: 7/14/02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp KHP In Progress Insp KHP

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,583.5 A/F Tach: 1,075.7 Init KHP

Part# 289ND	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	1,248.1	1,248.1
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	1,248.1	1,248.1
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	1,248.1	1,248.1

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	Door latch won't catch	5210	1	Adjusted latch IAW PA-28R-201 SERVICE MANUAL pg IV-26, Task 4-47.	5210	N	7/14	.5		MRB	KHP
								.1		BSS	KHP
2	Inspect wheel (RH) installation done in TVF by Arram	32/40	1	Inspected.	32/40	N	7/14	.2			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 [signature]
Date 7/14/02

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1020760
Mech: SFB
Shop Code: F
Equip Code: A
Opened: 7/1/2002 12:57

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt) JS
Date closed: 7/02/02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp In Progress Insp

N#: N299ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,526.6 A/F Tach: 1,032.0 Init SB

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	1,204.4	1,204.4
IO-360-C1C6	L2938851A	ENGINE (ARROW)(APPL# 9325)	1,204.4	1,204.4
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	1,204.4	1,204.4

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	Phase 4 insp due	0520	1		05 20	N	7/01	4.0			
	Compressions			I certify that this aircraft has been inspected in accordance with a 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 airworthy and a list of discrepancies and unairworthy items follows by problem description number: 1			7/01	4.0		SB	
	#1 74/80										
	#2 70/80										
	#3 70/80										
	#4 70/80										
				Certified Repair Station OG5R092N Authorized Signature Date 7/01/02							
				Next due: Ph 1 @ 1087.6							
2	AD 93-02-05 insp lines due Rev date 06/14/93	0400	1	C/W AD by visual insp. No defects noted at this time. Next due @ 1097.6	7310	N	7/01	.3		SB	
3	Induction air filter due T/C	0510	1	R&R filter. Next due @ 1232.0 Tach	7160	N	7/01	.2		SB	

INSPECTION SUPPLEMENT AND WORK ORDER Page 2 of 6

Reg#: (N) 289 NJ Work Order #: 1020760

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
4	Mixture ICO stop stuck	7610	1	Repositioned stop	7610	N	7/01	.1		AP	
	in quadrant cover						7/01	.1		SB	
5	Spit window latch	5610	1	Installed shake-proof	5610	N	7/01	.2		AP	
	has incorrect hdwe			washer as required			7/01	.1		SB	
6	Control columns dirty	2730	1	Cleaned columns	2730	N	7/01	.1		SB	

INSPECTION SUPPLEMENT AND WORK ORDER Page 3 of 6

Reg#: (N) 28ND Work Order #: 1020760

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
7	Eng idle speed set too low	7200	1	Set idle and mixture to recommended specifications	7200	N	7/01	.2		SB	
8	Oil door installed wrong	7110	1	Installed correctly	7110	N	7/01	.3		SB	
9	Air filter box camlock not secured to cover	7160	1	Installed retainer on camlock	7160	N	7/01	.1		SB	

INSPECTION SUPPLEMENT AND WORK ORDER Page 4 of 6

Reg#: (N) 789ND Work Order #: 1020760

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
10	Air intake for top muffler shroud boot torn	2140	1	Replaced w/ new	2140	W	7/01	.2		SB	
11	Both pins on top cowl gouged	7110	1	Removed and replaced pins. Fiberglas cure complete 1700, JUL 2'02	7110	W	7/01	1.0		SB	
			2	Inspected, ✓ good.	7110	W	7/02	.2		SB	
12	Vacuum pump fittings loose	3710	1	Removed pump, tightened fittings, reinstalled pump	3710	N	7/01	1.0		SB	
								.2			

INSPECTION SUPPLEMENT AND WORK ORDER Page 5 of 6

Reg#: (N) 289ND Work Order #: 1020760

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
13	Nut missing from sump housing at aft left corner	7200	1	Installed new lock washer and nut	7200	N	7/01	.1		[illegible]	[illegible]
14	#3 aft baffle cracked	7230	1	removed and replaced baffle w/new	7230	W	7/01	1.0		[illegible]	[illegible]
						W	7/01	.1		[illegible]	[illegible]
15	Cabin heat control cable incorrectly routed	2140	1	Realigned for correct travel	2140	N	7/01	.5		[illegible]	[illegible]

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) N289ND

Work Order #: 10120760

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
16	Prop blades nicked	6100	1	dressed and painted	6100	N	7/01	.5		[illegible]	[illegible]
				prop			7/1	.1		SS	[illegible]
17	Fire extinguisher seal missing	2620	1	Weighed fire ext, installed new seal	2620	N	7/01	.2		SS	[illegible]
18	Tire pressures low	3240	1	Serviced to recommended pressure	1210	N	7/01	.2		[illegible]	[illegible]
						N	7/01	.1		SS	[illegible]
19	Insp time	0560	1	INSP	0560	N	7/01	1.0		[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 QG5R092N [illegible]

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1020755
Mech: WEL
Shop Code: W
Equip Code: A
Opened: 7/1/2002 10:02

OBTAIN ALL INITIALS BEFORE FILING

R/A SP
Parts (opt) N

Date closed: 7/1/02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp _____ In Progress Insp _____

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,526.6 A/F Tach: 1,032.0 Init _____

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	1,204.4	1,204.4
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	1,204.4	1,204.4
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA18) ARI	1,204.4	1,204.4

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	Dirty Aircraft	1720	1	Cleaned + vacd Aircraft	1720	n	7/1	1.0		WEL	

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1020469
Mech: MOA
Shop Code: F
Equip Code: A
Opened: 6/18/2002 16:28

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (optl)
Date closed: 6-18-02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp In Progress Insp

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,493.7 A/F Tach: 1,008.3 Init MM

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	1,178.7	1,178.7
IO-360-C1C6	L2936951A	ENGINE (ARROW)(APPL# 9325)	1,178.7	1,178.7
B2D34C213	000908	PROP (B2D34C213-B/G-80DHA16) ARI	1,178.7	1,178.7

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	Upper latch does not close correctly had to pull down on upper handle to latch. To open we had to pull down again for upper latch to unlatch Takes 2 people to open & close	52.10	1	Insp Aircraft no defects Noted, ops ✓ of door, worked normal	52.10	N	6/18	.2		MM	

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 OG5R692K
Authorized Signature
Date 6-18-02

INSPECTION SUPPLEMENT AND WORK ORDER

Page 1 of 5

John D. Odegard School of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO# 1019915
Mech SJR
Shop Code F
Equip Code A
Opened 5/28/2002 7:38

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt)
Date closed 5/28/02

Customer: UND Acc#: 1244-0516-471 Preliminary Insp In Progress Insp

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,449.3 A/F Tach: 972.2 Init: MRB

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	1,144.6	1,144.6
IO-360-C1C6	L2836961A	ENGINE (ARROW)(APPL# 9326)	1,144.6	1,144.6
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	1,144.6	1,144.6

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Phase Inspection #3 Due.	05 20	1	Phase 4 Inspection Next due @ 1027.6	05 20	N	5/28	5.0		SMR	
						N	5/28	5.0		MRB	

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 Landing Gear and was determined to be in airworthy condition, and is approved for return to service
Certified Repair Station OG5R092N
Authorized Signature [signature]
Date 5/28/02

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
2	SB 7073 Landing Gear Cylinder Check Due Amend date 3-7-02	04 00	1	Inspected Cylinders found to have dates before the date on SB	32 10	N	5/28	.2		SMR	
3	AD 93-02-05 Injection lines due Amend date 6-14-93	04 00	1	Inspected Injection lines No defects Noted Next due @ 1037.6	73 10	N	5/28	.2		SMR	

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO# 1019838
Mech: MOA
Shop Code: F
Equip Code: A
Opened: 5/23/2002 13:04

OBTAIN ALL
INITIALS BEFORE FILING

R/A
Parts (opt) sml
Date closed 5-23-02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp In Progress Insp

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,418.9 A/F Tach: 947.9 Init MOA

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	1,120.3	1,120.3
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	1,120.3	1,120.3
B2D34C213	000909	PROP (B2D34C213-B/G-90DHA16) ARI	1,120.3	1,120.3

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	landing light Inop	33 40	1	Removed + Replaced landing light ops ✓ OK	33 40	N	5/23	.5		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 5-23-02

INSPECTION SUPPLEMENT AND WORK ORDER

Page 1 of 5

John D. Odegard School of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO# 1019916
Mech: SJR
Shop Code F
Equip Code: A
Opened: 5/28/2002 7:38

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt)
Date closed: 5/28/02

Customer: UND Acct#: 1244-0519-471 Preliminary Insp In Progress Insp

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,449.3 A/F Tach: 972.2 Init: MRB

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	1,144.6	1,144.6
IO-360-C1C6	L2836951A	ENGINE (ARROW)(APPL# 6325)	1,144.6	1,144.6
B2D34C213	000909	PROP (B2D34C213-B/G-90DHA16) ARI	1,144.6	1,144.6

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Phase Inspection #3 Due.	05 20	1	Phase 4 Inspection Next due @ 1027.6	05 20	N N	5/28 5/28	5.0 5.0		SJR MRB	

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 Landing Gear and was determined to be in airworthy condition, and is approved for return to service
Certified Repair Station OG5R092N
Authorized Signature [signature]
Date 5/28/02

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
2	SB 7073 Landing Gear Cylinder Check Due Amend date 3-7-02	04 00	1 1	Inspected Cylinders found to have dates before the date on SB	32 10	N	5/28	.2		SJR	
3	AD 93-02-05 Injection lines due Amend date 6-14-93	04 00	1	Inspected Injection lines No defects Notice Next due @ 1037.6	73 10	N	5/28	.2		SJR	

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) 289 ND

Work Order #: 1019915

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	In
4	NLG TIRE WORN	32/40	1	Removed and replaced	32/40	N	5/28	.5		MRB	
	BEYOND LIMITS			NLG TIRE.		N	5/28	.1		SJK	
5	LH MLG TIRE	32/40	1	Removed and replaced	32/40	N	5/28	.5		MRB	
	WORN BEYOND LIMITS			LH MLG TIRE		N	5/28	.1		SJK	
	Removed PN MA6.00 X 6 X 6PR			WITH NEW TIRE							
	SN 1169W00054										
6	Prop Nicked	6/10	N	Dressed prop	6/10	N	5/28	.3		MRB	
						N	5/28	.1		SJK	

INSPECTION SUPPLEMENT AND WORK ORDER Page 3 of 5

Reg#: (N) 289ND Work Order #: 1995

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Ins
7.	Both Cowl Bushings	71/10	1	Installed New	71/10	N	5/28	.3		MRB	
	worn			Cowl Bushings			5/28	.1		SRE	
8.	LH MLG BRAKE	32/40	1	Removed and	32/40	N	5/28	.3		MRB	
	DISC WORN BEYOND			Replaced Brake		N	5/28	.1		SRE	
	LIMITS.			Disc							
9.	RH MLG BRAKE	32/40	1	Removed and	32/40	N	5/28	.3		MRB	
	DISC WORN BEYOND		1	replaced brake		N	5/28	.1		SRE	
	LIMITS.			Disc.							

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) 289ND

Work Order #: 19915

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
10.	Nose gear Rubber up stop missing	32 30	1	Removed and Replaced Nose gear up stop	32 30	N	5/28	.3		SR	
11.	Right outboard Aileron pulley Sticks	27 10	1	Cleaned and Lubed pulley ops check good	27 10	N	5/28	.2		SR	
12.	Left Inboard Aft Aileron pulley Sticks	27 10	1	Cleaned and lubed pulley OPS / good	27 10	N	5/28	.2		SR	

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) 289ND

Work Order #: 19915

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
13	Left Static Wick broken	93C00	1	Installed New	93C00	N	5/28	.7		MAB	
	on Stabilator			static wick		N	5/28	1		SJK	
14	Inspection Time	05Y0	1	filling for insp	05Y0	N	5/28	.9			
				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 5/28/02							

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1019854
Mech: CEC
Shop Code: F
Equip Code: A
Opened: 5/16/2002 20:18

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt'l) SM1
Date closed: 5-16-02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp Inspection In Progress Insp

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,387.2 A/F Tach: 923.9 Init: CEL

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	1,096.3	1,096.3
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	1,096.3	1,096.3
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	1,096.3	1,096.3

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	oil pressure reads in the upper yellow arc at high power settings	79/30	1	adjusted oil psi. ops check good	79/30	N	5/16	.6		CEL	

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 QG5R092N
Authorized Signature
Date 5-16-02

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1019533
Mech: DPS
Shop Code: A
Equip Code: A
Opened: 5/12/2002 8:01

OBTAIN ALL INITIALS BEFORE FILING

R/A: KHP
Parts (opt'l): KHP
Date closed: 5/13/02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp: KHP In Progress Insp: KHP

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,369.7 A/F Tach: 909.0 Init: KHP

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	1,081.4	1,081.4
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	1,081.4	1,081.4
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	1,081.4	1,081.4

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	HSI CDI stays deflected to the left & oscillates	34/50	1	Removed & tested nav convertor and gps/nav relay. No problem found. Troubleshot to defective nav convector to gps/nav switching relay. Replaced chafed wiring and wiring with shielding shorted inner conductors. Reassembled. tests good	34/50	W	5/12	7.0		BSS	KHP
					34/50	W	5/12	7.0		DPS	KHP
					34/50	W	5/13	3.0		BSS	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: KHP
Date: 5/13/02

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1019554
Mech: BJS
Shop Code: F
Equip Code: A
Opened: 5/13/2002 12:58

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt'l)

Date closed: 5/13/02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp PDH In Progress Insp PDH

N#: N289ND Acft Type: ARRO Model: PA28R-201 Bill Meter: 1,389.7 A/F Tach: 909.0 Init

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	1,091.4	1,091.4
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	1,091.4	1,091.4
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	1,091.4	1,091.4

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Phase 2 inspection due	05/20	1		05/20	N	5/13	6.5			PDH
						N	5/13	6.0		HES	PDH
	Engine Compression test results: 1. 72/80 2. 70/80 3. 74/80 4. 72/80			I certify that this aircraft has been inspected in accordance with Phase 2 inspection, including as applicable a routine inspection of cabin, fuselage, empennage w/gear & landing 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 5/13/02						
				Next Phase 3 due 967.6 Tach.							
2	AD 93-02-05 Due on injection lines Amendment date 6-14-93	04/00	1	Inspected Fuel ~~injectors~~ injection lines for ~~leaks~~ IAW AD 93-02-05 no defects found ~~no further action required~~	28/20	N	5/13	.2			PDH
				Next Time due 977.6 Tach							

INSPECTION SUPPLEMENT AND WORK ORDER Page 2 of 6

Reg#: (N) 289ND Work Order #: 1019554

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
3	AD95-26-13 oil cooler hoses due Amend date: 2-5-96	04/00	1	Visually inspected oil cooler hoses found Type D hoses installed which c/w AD95-26-13 no further action required	32/30	N	5/13	.2		~~TK~~	PDH
4	SB1118 Alternate air inlet Assy insp. due Effective date 4-19-02	04/00	1	c/w SB1118 by inspection no defects ~~noted~~ noticed	71/60	N	5/13	.2		~~TK~~	PDH
5	Rodends on both ends of Rt. nose gear door linkage worn	32/20	1	~~R~~R Rod ends	32/20	W	5/13	.2		HES	PDH

INSPECTION SUPPLEMENT AND WORK ORDER Page 3 of 6

Reg#: (N) 289ND Work Order #: 1019554

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
6	#4 cyl. intake seal on oil sump leaking	73/30	1	Replaced O-Ring	73/30	N	5/13	.2		HES	PDH
7	Hose clamp on #2,3,4 cyl. ~~Return~~ oil return lines loose	79/10	1	tightened clamps	79/10	N	5/13	.1		HES	PDH
8	Prop has nicks	61/00	1	Filed prop	61/00	N	5/13	.3		HES	PDH

INSPECTION SUPPLEMENT AND WORK ORDER Page 4 of 6

Reg#: (N) 289ND Work Order #: 019554

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
9	oil fill tube gasket leaking	79/10	1	Replaced gasket	79/10	N	5/13	.2		HES	PDH
10	Rt. bolt on stabilator pivot point loose	27/30	1	tighten bolt to spec.	27/30	N	5/13	.4		[illegible]	PDH
11	upper Rodend on Lt. nose gear linkage worn	32/20	1	R&R Rodend	32/20	N	5/13	.3		[illegible]	PDH

INSPECTION SUPPLEMENT AND WORK ORDER Page 5 of 6

Reg#: (N) 289ND Work Order #: 1019554

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
12	Rod end jam nut loose on ~~Rt.~~ Lt. main gear door linkage	32/10	1	Tightened jam nut	32/10	N	5/13	.2		~~YES~~	PDH
13	Fwd. Muffler crack Lt outside flange ~~Rt~~ P/N 67512-000 S/N 8974	78/20	1	R&R Muffler P/N 67517-000 S/N 12229 Next Time due 1909.0 Tach	78/20	N	5/13	.5		YES	PDH
14	Controle handles on Rt. & Lt yokes loose	27/30	1	tightened Screws	27/30	N	5/13	.1		YES	PDH

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) 289ND

Work Order #: 1019554

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
15	oil cooler hoses chafing on bracket for Alt. air	72/50	1	applied Silicone to chafing area	72/50	N	5/13	.1		HES	RDH
16	Aft muffler loose	78/20	1	R&R muffler clamp.	78/20	N	5/13	.1		HES	RDH
17	Inspector's time	05/60	1	Insp	05/60	N	5/13	2.0		RDM	RDH

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 5/15/02

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1019530
Mech: BSS
Shop Code: A
Equip Code: A
Opened: 5/11/2002 15:08

OBTAIN ALL INITIALS BEFORE FILING

R/A [initials]
Parts (optl) _____
Date closed: 5/11

Customer: UND Acct#: 1244-0518-471 Preliminary Insp _____ In Progress Insp _____

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,369.7 A/F Tach: 909.0 Init _____

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	1,081.4	1,081.4
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	1,081.4	1,081.4
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	1,081.4	1,081.4

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp

EXPO

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1019259
Mech: KHP
Shop Code: A
Equip Code: A
Opened: 4/30/2002 8:37

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt) JS

Date closed: 4/30/02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp ~ In Progress Insp ✓

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,338.4 A/F Tach: 882.9 Init KHP

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	1,055.3	1,055.3
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	1,055.3	1,055.3
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	1,055.3	1,055.3

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	HSI Nav deviation deflected to left	34/50	1	Removed & tested HSI, nav/gps/rclay, nav converter and nav receiver. All test good. Began troubleshooting wiring. Reassembled aircraft due to time constraints system remains mel'd	34/50	N	4/30	3.0		KHP	KHP
					34/50	N	4/30	3.0		BSS	KHP

Kirk Peterson
A&P 477782584

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1019126
Mech: BSS
Shop Code: A
Equip Code: A
Opened: 4/23/2002 16:05

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt'l)

Date closed: 4-26-02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp JEB In Progress Insp JEB

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,334.0 A/F Tach: 880.3 Init DCS

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	1,052.7	1,052.7
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	1,052.7	1,052.7
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	1,052.7	1,052.7

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	HSI needle stays deflected to the left.	34-50	1	Nav 1 ops checks good without engine running. With the engine running unable to get Nav 1 to center up. The to/from flag oscillates. Changed Nav 1 and the Nav converter and did not help. Nav 1 and Nav converter back to original. MEL° NAV 1.	34-50	N	4/26	1.8		DCS	JEB

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 4-26-02

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University ~~of North~~ Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1019069
Mech: BTM
Shop Code: F
Equip Code: A
Opened: 4/22/2002 8:02

OBTAIN ALL INITIALS BEFORE FILING

R/A [signature]
Parts (optl) JS
Date closed: 4-22-02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp ____ In Progress Insp ____

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,330.8 A/F Tach: 878.0 Init [initials]

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	1,050.4	1,050.4
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	1,050.4	1,050.4
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	1,050.4	1,050.4

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Landing light inop	3340	1	replaced light ops ✓ OK.	3340	N	4/22	.5		[initials]	
				[signature]							
				AP323528778 IA.							

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1019032
Mech: DHT
Shop Code: F
Equip Code: A
Opened: 4/19/2002 13:06

OBTAIN ALL INITIALS BEFORE FILING

R/A [signature]
Parts (optl) SS
Date closed: 4/19/02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp [signature] In Progress Insp [signature]

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,322.9 A/F Tach: 872.4 Init DHT

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	1,044.8	1,044.8
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	1,044.8	1,044.8
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	1,044.8	1,044.8

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Fuel pump	73 10	1	~~Insta~~ R+Rd	73 10	N	4/19	1.0		DHT	[signature]
	C/B popped,			pump with overhaded							
	reset, popped			part							
	again.			P/N 8120G							
	Removed			S/N 2532							
	P/N 8120-G			Functional check							
	S/N 81389			OK							

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 4-19-02

B&S Aircraft Parts & Accessories Inc.
1414 S. Mosley • Wichita, Kansas 67211-3387
(316) 264-2397 • FAX (316) 264-7898
FAA Certificate No. NE2R028L - Accessory Overhaul

COMPLETED

Work Order

Date Issued: 03/25/2002 By: Diana

Sales Order Number: Invoice Number:

Customer Request Date: 00/00/0000 Scheduled Ship Date:

Customer Number: UNI002

University of North Dakota
School of Aerospace Science

Received Via	Purchase Order Number	Itm	Packing Slip/Shipping Authorization No.	Itm	Customer's Part Number	Manufacturer's Part Number	Serial Num
[X] Prepaid UPS Ground [ ] Collect	~~194817~~ A032827N					8120-G	2532

Description	Product Code	Manufacturer	Mfg. Date	Dept.	Modification Status
Boost Pump	3181	Weldon Pump	/	2	

Discrepancy or Reason for Return

For repair

Work Instructions

~~Overhaul and Certify [X]~~ Functional Test Only [ ] ~~Repair and Certify [X]~~ Other [ ]
Warranty Requested [ ] Accident Unit - Hidden Damage Inspection Required [ ]
Repair Cost Estimate Required Yes [X] No [ ]

Special Work Instructions Not Outlined Above

Work Performed

OHC'd + Tested IN Accordance with Weldon Manual NO. J-8000960, Rev E, 3-28-01

Preliminary Inspection Record

ASSY. date decal reads 1Q00,

Initial: DWC
Date: 3-26-02

Hidden Damage Inspection Record

Rotor scored, Insert worn, Plunger worn uneven,

Initial: DWC
Date: 3-26-02

Functional Test Results

Volts (D.C.)	flow (G.P.H.)	flow (P.P.H.)	Pressure (P.S.I.)	current (Amps.)	Seal Leak
14	57.53	355	14	3.50	0
	0		29	4.50	

Ran 1/4 hr. No Leaks

Certified Airworthy By	Certificate Number	Date	Master Technician	Technician	Date
Bryan A Wolf	2488689	3-28-02		W.C.	3-28-02

1100 09/97 2939

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 8007 University Station
Grand Forks, ND 58202-8007

WKO#: 1010886
Mech: NRH
Shop Code: F
Equip Code: A
Opened: 4/14/2002 12:33

OBTAIN ALL INITIALS BEFORE FILING

R/A 49
Parts (opt) 35

Date closed: 4-14-02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp KHP In Progress Insp KHP

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,308.1 A/F Tach: 981.2 Init AFS

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	1,033.6	1,033.6
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	1,033.6	1,033.6
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	1,033.6	1,033.6

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Cabin door stop rivet sheared	52 10	1	Installed new rivet. Ops check good	52 10	N	4/14	.5		AFS	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 4/14/02

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1018679
Mech: RLH
Shop Code: W
Equip Code: A
Opened: 4/8/2002 12:55

OBTAIN ALL
INITIALS BEFORE FILING

R/A RLH
Parts (opt) JS

Date closed: 4-8-02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp _____ In Progress Insp _____

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,283.9 A/F Tach: 842.4 Init RLH

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	1,014.8	1,014.8
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	1,014.8	1,014.8
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	1,014.8	1,014.8

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	Aircraft dirty	12 20	1	cleaned + Vac	12 20	H	4-8	1.0		RLH	

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1018683
Mech: ADC
Shop Code: F
Equip Code: A
Opened: 4/8/2002 15:05

OBTAIN ALL INITIALS BEFORE FILING

R/A [initials]
Parts (opt) JS
Date closed: 4-8-02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp JEB In Progress Insp JEB

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,283.9 A/F Tach: 842.4 Init [initials]

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	1,014.8	1,014.8
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	1,014.8	1,014.8
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	1,014.8	1,014.8

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	PHASE 1 Inspection DUE	05 20	1	Completed PHASE 1 Inspection	05 20	N	4/8	5.0		MA	JEB
				NEXT DUE 907.6		N	4/8	4.0		[initials]	JEB

I certify that this aircraft has been inspected in accordance with Phase 1 inspection, including, as applicable a routine inspection of MAF cabin Eng, propeller, wings and landing Gear and detailed inspection of cabin, fuselage and empennage and was determined to be in airworthy condition, and is approved for return to service

Certified Repair Station OG5R092N

Authorized Signature [signature]

Date 4-8-02

Phase 2 due @ 907.6 Tach time

2	Inst. Filters DUE	05 20	1	Removed + Replaced filters	37 00	N	4/8	.5		[initials]	JEB

next due @ 1342.4 Tach time

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) 289ND

Work Order #: 1018683

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	[illegible]
3	Induction Air filter	05 20	1	R&R Induction	71 60	N	4/8	.5		[illegible]	JEB
	due			Air Filter NEXT							
				DUE 1042.4							
4	AD 93-02-05 Inj.	04 00	1	Insp Inj lines IAW	04 00	N	4/8	.5		[illegible]	JEB
	lines Insp due			AD93-02-05							
	Rev date: 6-14 93			No defects noted at this time							
				Next due @ 917.6 Tach time							
5	lower cowl Bushings	71 10	1	R&R RH & LH	71 10	N	4/8	.7		[illegible]	JEB
	R/H & LH sides worn			Cowl Bushings							

INSPECTION SUPPLEMENT AND WORK ORDER Page 3 of 6

Reg#: (N) 289ND Work Order #: 10186853

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	I
6	Top cowling R/H Fwd latch Broken	71 10	1	R&R Latch	71 10	N	4/8	.3		[illegible]	[illegible]
7	R/H trim tab Inboard Rib is cracked	27 30	1	Replaced Rib in trim tab with piper part using Rivets IAW AC43.13-1B par 4-57	27 30	N	4/8	1.0		HES	~~[illegible]~~
~~8~~	~~Prop Nicked~~ moA										
8	Prop Nicked	61 00	1	filed prop	61 00	N	4/8	.2		HES	[illegible]

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) 289WD

Work Order #: 1018683

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Inspector
9	R/H fuel cap Gasket weathered	28 10	1	R & R FUEL CAP GASKET	28 10	N	4/8	.2			JCB
10	Co Pilots SEAT Back Cracked	25 10	1	Stop drilled crack & fabricated PATCH IAW AC43.13-1B Chp 4 PARA. 4-57	25 10	N	4/8	1.2			JCB
11	Co-Pilots Seat has LOOSE Roll Pin coming out	25 10	1	Pounded Roll Pin Into Proper Position	25 10	N	4/8	.1			JCB

INSPECTION SUPPLEMENT AND WORK ORDER Page 5 of 6

Reg#: (N) 289ND Work Order #: 1018683

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Inst
12	Both L/H + R/H Main Brake linings	32 40	1	Replaced Rt & Lt	32 40	N	4/8	.3		HES	~~JES~~
	worn			Brake linings							
13	Control yoke sticky	27 30	1	lubed control	27 30	N	4/8	.1		HES	~~JES~~
				yokes							
14	Flap Cable tension	27 50	1	Adjusted cable tension	27 50	N	4/8	.5		HES	~~JES~~
	too high			to Piper Specs							
				10 lbs ± 1 lbs							

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) 289ND

Work Order #: 1018683

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
15	Co-pilots seat Back missing nut R/H Side	25 10	1	installed new nut	25 10	N	4/8	.2		MN	[illegible]
16	Insp time	05 60	1	Insp.	05 60	N	4 8	1.0			[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 CG5R092N.
Authorized Signature: [signature]
Date: 4-8-02

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1018338
Mech: SFB
Shop Code: F
Equip Code: A
Opened: 3/25/2002 18:08

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt'l) JS

Date closed: 3/25/02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp In Progress Insp

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,233.2 A/F Tach: 802.0 Init SB

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	974.4	974.4
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	974.4	974.4
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	974.4	974.4

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Engine Ran rough	7200	1	Found Rt Magneto intermittently died. R&R Mag, ✓good OFF P/N 4370 S/N 00063102 ON P/N 4370 S/N 02010211	7410	~~I~~ N	3/25	1.0		SB	
2	Landing lite inop	3340	1	R&R lamp, ✓good	3340	N	3/25	.5		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 3/25/02

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1018361
Mech: JEB
Shop Code: F
Equip Code: A
Opened: 3/26/2002 12:30

OBTAIN ALL
INITIALS BEFORE FILING

R/A [initials]
Parts (optl) JS
Date closed: 3-26-02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp JEB In Progress Insp JEB

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,235.1 A/F Tach: 803.5 Init JEB

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	975.9	975.9
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	975.9	975.9
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	975.9	975.9

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	ELT ant. missing.	25 60		Replaced ant. [signature] A+P 502641606	25 60	N	3 26	.5			JEB

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1018214
Mech: MOA
Shop Code: F
Equip Code: A
Opened: 3/21/2002 22:23

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt'l) 35
Date closed: 3-21-02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp In Progress Insp

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,212.7 A/F Tach: 786.6 Init MCA

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	959.0	959.0
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	959.0	959.0
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	959.0	959.0

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	A/T INOP light stays on	24 30	1	Insp and found A/T INOP switch inop. Removed + Replaced A/T INOP switch. Ran Aircraft ops ✓ OK	24 30	W	3/21	.7		MA	
						W	3/21	.5		MA	

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 3-21-02

INSPECTION SUPPLEMENT AND WORK ORDER

~~John D. Odegard~~ School of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1018162
Mech: AFS
Shop Code: F
Equip Code: A
Opened: 3/19/2002 15:05

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt)
Date closed: 3-19-02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp In Progress Insp

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,211.3 A/F Tach: 785.7 Init AFS

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	958.1	958.1
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	958.1	958.1
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	958.1	958.1

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	PHASE 4	05 20	1		05 20	N	3/19	5.0		AFS	
	INSPECTION DUE						3/19	4.5		NRH	
				I certify that this aircraft has been inspected in accordance with			3/19	1.0		RMM	
	CYL. # 1 74/80			PHASE 4 inspection, including, as applicable, a routine inspection of CABIN, FUSELAGE, EMPENNAGE, WINGS ~~LANDING GEAR~~ and detailed inspection of ~~ENGINE~~ & PROPELLER and was determined to							
	CYL. # 2 76/80										
	CYL. # 3 75/80			be in airworthy condition, and is approved for return to service							
	CYL. # 4 78/80			Certified Repair Station OG5R097N							
				Authorized Signature Susan Stanger							
				~~Date~~ 3-19-02							
	PHASE 1 INSPECTION DUE AT 847.6										
2	AD 93-02-05	04 00	1	COMPLIED WITH	73 10	N	3/19	.2		AFS	
	INJECTION LINE			BY VISUAL INSP.							
	INSPECTION DUE			NO DEFECTS FOUND							
	REV. DATE			NEXT DUE AT 858.6							
	6-14-93										

INSPECTION SUPPLEMENT AND WORK ORDER Page 2 of 7

Reg#: (N) 289ND Work Order #: 101862

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
3	AFT MUFFLER DUE	05 10	1	R&R'D MUFFLER	78 20	N	3/19	1.1		AFS	SB
	TIME CHANGE			W/ NEW.		T					
	P/N 67517-000			P/N 67517-000							
	S/N P1P0629			S/N 12227							
	NEXT DUE AT 1785.7										
4	MAGNETO SWITCH	74 30	1	TIGHTNED SWITCH	74 30	N	3/19	.1		AFS	SB
	LOOSE IN MOUNTING			MOUNTING NUT			3/19	.2		NRH	SB
5	THROTTLE STIFF	76 10	1	LUBRICATED CABLE	76 10	N	3/19	.1		AFS	SB
	TO OPERATE			& ROD END. OPS							
				CHECK GOOD							
6	MIXTURE CONTROL	76 00	1	R&R'D QUADRANT	76 00	1	3/19	.3		TJS	SB
	COVER AND LOCK			COVER							
	BROKEN										

INSPECTION SUPPLEMENT AND WORK ORDER Page 3 of 7

Reg#: (N) 289ND Work Order #: 1018162

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
7	ALTERNATOR INOP	24 20	1	INSPECTED FUSE &	24 20	N	3/19	.3		AFS	BB
	ANNUNCIATOR STAYS			WIRING. NO DEFECTS							
	ILLUMINATED. BOTH			FOUND. OPERATED							
	VOLTAGE AND AMMETER			NORMALLY DURING							
	SHOW NORMAL OUTPUT.			POST INSPECTION RUN-UP							
8	COLORED DOME	33 10	1	R&R'D BULB. OPS	33 10	N	3/19	.1		AFS	BB
	LIGHT INOP			CHECK GOOD			3/19	.2		NRH	BB
9	STABILATOR TRIM	27 30	1	LUBRICATED TRIM	27 30	N	3/19	.1		AFS	BB
	DIFFICULT TO			ACTUATOR. OPS			3/19	.3		NRH	BB
	OPERATE			CHECK GOOD							

INSPECTION SUPPLEMENT AND WORK ORDER Page 4 of 7

Reg#: (N) 289ND Work Order #: 1018162

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
10	LEFT WINGTIP	57 20	1	REPLACED SCREW	57 20	N	3/19	.1		AFS	BB
	HAS 1 LOOSE SCREW			WITH NEW			3/19	.1		RHM	BB
11	STABILATOR MOUNT	27 30	1	TIGHTNED BOLTS	27 30	N	3/19	.2		AFS	BB
	BOLTS LOOSE			OPS CHECK GOOD			3/19	.3		NRH	BB
12	COPILOT PHONE	23 50	1	TIGHTNED JACK	23 50	N	3/19	.1		AFS	BB
	JACK LOOSE						3/19	.2		NRH	BB
13	COPILOT YOKE LEFT	27 30	1	ORDERED SCREW	27 30	N	3/19	.1		AFS	BB
	SIDE CAP MISSING 1 SCREW			~~OK TO FLY AS IS~~ BB							
			2	Replaced screw	27 30	N	3/19	.1		BB	MRD

INSPECTION SUPPLEMENT AND WORK ORDER Page 5 of 7

Reg#: (N) 289ND Work Order #: 1018162

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
14	UPPER COWL RIGHT	71 10	1	INSTALLED NEW	71 10	N	3/19	.1		AFS	SB
	FRONT LATCH LOOSE			RETAINER			3/19	.2		NRH	SB
15	UPPER COWL OIL DOOR	71 10	1	R&R ID OIL DOOR	71 10	W	3/19	.2		AFS	SB
	DOUBLER CRACKED			DOUBLER W/NEW			3/19	.3		RMM	SB
16	PROP NEEDS DRESSING	61 00	1	DRESSED PROP	61 00	N	3/19	.1		AFS	SB
							3/19	.3		NRH	SB
17	CYL. #4 FUEL	73 20	1	TORQUED INJECTOR	73 20	N	3/19	.2		AFS	SB
	INJECTOR LOOSE			TO LYCOMING SPECS.							

INSPECTION SUPPLEMENT AND WORK ORDER Page 6 of 7

Reg#: (N) 289ND Work Order #: 1018162

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
18	CYL. # 4 ROCKER	72 30	1	INSTALLED NEW	72 30	N	3/19	.1		AFS	SB
	COVER MISSING 1 SCREW			SCREW			3/19	.2		NRH	SB
19	ALTERNATOR LEAD	24 20	1	TIGHTNED LEAD	24 20	N	3/19	.1		AFS	SB
	AT FIREWALL SHUNT LOOSE						3/19	.2		NRH	SB
20	RIGHT MAGNETO	74 30	1	TIGHTNED LEAD	74 30	N	3/19	.1		AFS	SB
	P LEAD LOOSE						3/19	.2		NRH	SB
21	PILOT SIDE CABIN HEAT	21 40	1	TIGHTNED LEAD	21 40	N	3/19	.1		AFS	SB
	SCAT HOSE CLAMP LOOSE						3/19	.1		NRH	SB

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) 289ND

Work Order #: 1018162

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
22	INSPECTOR'S TIME	05 60	1	INSP	05 60	N	3/19	1.5	1.5	.	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 QG5R092N. Authorized Signature [signature] Date 3/19/07						

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1018154
Mech: CJS
Shop Code: W
Equip Code: A
Opened: 3/19/2002 13:52

OBTAIN ALL INITIALS BEFORE FILING

R/A _____
Parts (opt) JS

Date closed: 3/18/02 3/19

Customer: UND Acct#: 1244-0518-471 Preliminary Insp _____ In Progress Insp _____

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,211.3 A/F Tach: 785.7 Init CJS

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	958.1	958.1
IO-360-C1C6	L2936951A	ENGINE (ARROW)(APPL# 9325)	958.1	958.1
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	958.1	958.1

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	Aircraft Dirty	1220	1	Cleaned Aircraft	1220	N	3/18/02 3/19	1.0		CJS	

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1018018
Mech: PDH
Shop Code: F
Equip Code: A
Opened: 3/12/2002 23:01

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt#) 55
Date closed: 3/14/2002

Customer: UND Acct#: 1244-0518-471 Preliminary Insp Insp In Progress Insp

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,197.8 A/F Tach: 774.3 Init

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	946.7	946.7
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	946.7	946.7
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	946.7	946.7

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Alt. annunciator came on. Aircraft at St. Paul down town. Regent aviation performing maintenance	05 50	1	Could not duplicate problem. Charging system checks good at this time	24 30	N	3/14	.8		TW	

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 OC5R092N.~~
Authorized Signature
Date 3/14/2002

REG #	N289ND	REGENT AVIATION	DATE	3/12/2002
MODEL	PA28R-201	529 EATON STREET	W/O	12461
SERIAL #	2844039	ST. PAUL, MN 55107	HOBBS	776.1
		FAA REPAIR STATION # YRJR 826K	TACH	1199.8
		LOGBOOK INSERT	CYCLES	

1. Removed engine cowl.
2. Checked for security and integrity of wiring for alternator.
3. Checked alternator warning light for operation and found good.
4. Reinstalled engine cowl.
5. Ground run up and operational check found good.

THE AIRCRAFT AND/OR COMPONENT/S IDENTIFIED ABOVE WERE REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WERE FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR/S ARE ON FILE AT THIS FACILITY.

DATE 3/12/2002 SIGNED Thomas W. Thunstrom CRS YRJR826K
Thomas W. Thunstrom CRS YRJR826K

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1017902
Mech: SJR
Shop Code: F
Equip Code: A
Opened: 3/6/2002 14:45

OBTAIN ALL INITIALS BEFORE FILING

R/A [initials]
Parts (optl) JS
Date closed: 3-7-02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp. JEB In Progress Insp. JEB

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,192.1 A/F Tach: 770.3 Init [initials]

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	942.7	942.7
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	942.7	942.7
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	942.7	942.7

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Aircraft would not start after numerous attempts. Would not fire.	74 10	1	Placed aircraft in a heated hangar for 2 hrs would not fire after warm-up. Removed left magneto P/N 4372 S/N 99022218 and replaced with new magneto P/N 4372 S/N 07011034. Placed battery on charger for overnight.	74 10	~~N~~ T	3/6	.9		PDH	JEB
2	Battery on charger & requires installation + Aircraft requires run-up for L mag ops ✓.	24/10	1	Installed Battery & Ran A/C Mag ✓ good	24/10	N	3/7	.5		[initials]	JEB

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 3-6-02

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1017834
Mech: SJR
Shop Code: F
Equip Code: A
Opened: 3/4/2002 9:29

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt): N/A

Date closed: 3-4-02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp Initials In Progress Insp Initials

N#: N299ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,184.7 A/F Tach: 785.6 Init

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	938.0	938.0
IO-360-C1C6	L2936861A	ENGINE (ARROW)(APPL# 9325)	938.0	938.0
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	938.0	938.0

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	On Runup, when cheaking Left Magneto, had full rpm drop	74 10	1	Ran Aircraft, Both Mag Props Within Limits, could not duplicate Pilots discrepancy, ops check Good at this time	74 10	N	3/4	.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
Date 3/4/2002

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1017842
Mech: JDR
Shop Code: F
Equip Code: A
Opened: 2/26/2002 15:28

OBTAIN ALL
INITIALS BEFORE FILING

R/A JJ
Parts (opt'l) PKR
Date closed: 2/26/2002

Customer: UND Acct#: 1244-0518-471 Preliminary Insp JDR In Progress Insp JDR

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,162.0 A/F Tach: 748.6 Init JDR

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	921.0	921.0
IO-360-C1C6	L2936861A	ENGINE (ARROW)(APPL# 9325)	921.0	921.0
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	921.0	921.0

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	landing light insop.	33/40	1	Replaced landing lamp. Operational check good	33/40	N	2/26	.5		JDR	JDR

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] 2/26/2002

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1017278
Mech: SFB
Shop Code: F
Equip Code: A
Opened: 2/14/2002 14:34

OBTAIN ALL INITIALS BEFORE FILING

R/A [initials]
Parts (opti) SM
Date closed: 2/14/02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp JFB In Progress Insp JEB

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,121.7 A/F Tach: 719.0 Init SB

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	891.4	891.4
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	891.4	891.4
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	891.4	891.4

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	Phase 3 insp due	0520	1		0520	N	2/14	5.0		SB	JEB
						N	2/14	5.0		JMA	JEB
				Next due: Ph 4 @ 787.6							
2	AD 93-02-05 inj lines insp due Dated 6/14/93	0400	1	c/w by visual insp No defects noted Next due: 797.6	7310	N	2/14	.4		SB	JEB
3	Left cowl pin bushing worn	7110	1	R&R bushing	7110	N	2/14	.2		SB	JEB

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, Landing Gear and was determined to be in airworthy condition, and is approved for return to service
Certified Repair Station OG5R092N
Authorized Signature [signature]
Date 2/14/02

INSPECTION SUPPLEMENT AND WORK ORDER Page 2

Reg#: (N) 289ND Work Order #: 1017278

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mec	
4	Left fuel tank sump dripping	2810	1	Flushed contaminants and foreign objects from sump.	2810	N	2/14	.3		SB	JEB
5	Shimmy dampener attach bolt too tight	3220	1	Loosened nut and resafetied	3220	N	2/14	.2		SB	JEB
6	Propeller nicked	6100	1	Dressed prop	6100	N	2/14	.5		JMA	JEB
						N	2/14	1		SB	JEB

INSPECTION SUPPLEMENT AND WORK ORDER Page 3

Reg#: (N) 289 ND Work Order #: 1017278

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mec	
7	Left side Nose gear door rod end worn (at door)	3220	1	R&R rod end	3220	N	2/14	.3		SB	
8	Positive battery term corroded	2400	1	Cleaned corrosion	2400	N	2/14	.2		SB	
9	Control columns dirty	2730	1	Cleaned columns	2730	N	2/14	.2		SB	

INSPECTION SUPPLEMENT AND WORK ORDER Page 4 of

Reg#: (N) 289ND Work Order #: 1017278

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	
10	O/B Primary cable pulley for right aileron flat spotted	2710	1	R&R pulley w/new	2710	W	2/14	.7		SB	JKB
11	Rt M/L/G actuator leaking	3230	1	Cleaned actuator, performed retraction checks, no further evidence of leak noted	3230	N	2/14	.3		SB	JKB
12	One nose wheel bearing and race corroded	3240	1	REMOVED & REPLACED LEFT SIDE NOSE WHEEL BEARING & RACE	3240	N	02/14	.2		JMA	JKB
						N	2/14	.1		SB	JKB

INSPECTION SUPPLEMENT AND WORK ORDER

Page 5

Reg#: (N) 289ND

Work Order #: 1017288

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	
13	Inspector's time	0560	1	Insp	0560	N	2/14	1.0			JCB

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 2-14-02

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1017273
Mech: RLH
Shop Code: W
Equip Code: A
Opened: 2/14/2002 13:57

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt)
Date closed: 2-14-02

Customer: UND Acct#: 1244-0516-471 Preliminary Insp ____ In Progress Insp ____

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,121.7 A/F Tach: 719.0 Init RLH

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	891.4	891.4
IO-360-C1C6	L2936951A	ENGINE (ARROW)(APPL# 9325)	891.4	891.4
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	891.4	891.4

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	Aircraft dusty	12 20	1	cleaned + vac	12 20	N	2-14	1.0		RLH	

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1017165
Mech: DHT
Shop Code: F
Equip Code: A
Opened: 2/11/2002 13:13

OBTAIN ALL INITIALS BEFORE FILING

R/A: N/A
Parts (opt'l): N/A
Date closed: 2/11/02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp: In Progress Insp:

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,109.2 A/F Tach: 709.5 Init: DHT

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	881.9	881.9
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	881.9	881.9
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	881.9	881.9

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Moving flap handle through 00-25° there is a metal to Metal grounding noise.	27 00	1	Greased flap brackett assy. operational check ok	27 00	N	2/11	.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 QGSR082N.
Authorized Signature: [signature]
Date: 2/11/02

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1017141
Mech: DPS
Shop Code: F
Equip Code: A
Opened: 2/10/2002 11:04

OBTAIN ALL INITIALS BEFORE FILING

R/A [initials]
Parts (opt) [initials]
Date closed: 2/10/02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp — In Progress Insp —

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,106.8 A/F Tach: 707.7 Init KHP

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	880.1	880.1
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	880.1	880.1
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	880.1	880.1

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	AI failed	34/40	1	R&R'd attitude	34/40	N	2/10	1.0		RMM	KHP
	to erect			ind. tests good	34/40	N		.5		KHP	KHP

598-556
~~RCA 22-15~~

SN IN 99K1264G

SN OUT 20L118~~X~~2G

[signature]
A&P 477782584

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1016910
Mech: SFB
Shop Code: F
Equip Code: A
Opened: 2/4/2002 15:46

OBTAIN ALL
INITIALS BEFORE FILING

R/A SP
Parts (optl) SM
Date closed: 2/04/02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp ____ In Progress Insp ____

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,083.2 A/F Tach: 690.2 Init SB

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2944039	AIRFRAME (ARROW)	862.6	862.6
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	862.6	862.6
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	862.6	862.6

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Seat adjust cable broken	2510	1	Replaced cable. ✓good	2510	W	2/04	1.0		SB	
				Scott F Baker							
				A&P346561074IA							

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1016847
Mech: SJR
Shop Code: F
Equip Code: A
Opened: 2/2/2002 9:19

OBTAIN ALL INITIALS BEFORE FILING

R/A SJR
Parts (optl) SJR

Date closed: 2/2/02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp _____ In Progress Insp _____

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,078.8 A/F Tach: 886.9 Init SJR

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	859.3	859.3
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	859.3	859.3
B2D34C213	000909	PROP (B2D34C213-B/G-90DHA16) ARI	859.3	859.3

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Oil pressure red-lines and would not decrease throughout flight even at lower RPM's & MP's	79-30	1	Ran aircraft, oil pressure normal at Normal operating temp.	79-30	N	2/2	1.0		PKM	SJR
							2/2	.1		SJR	SJR

Steven J. Riddle
A&P 4758419593

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1016819
Mech: PDH
Shop Code: F
Equip Code: A
Opened: 2/1/2002 17:16

OBTAIN ALL
INITIALS BEFORE FILING

R/A
Parts (opt) PKR
Date closed: 2/1/02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp ____ In Progress Insp ____

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,074.9 A/F Tach: 685.1 Init ADH

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	857.5	857.5
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	857.5	857.5
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	857.5	857.5

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Landing light MEL'ed Inop	33 40	1	Replaced with new lamp Ops ✓ good	33 40	N	2/1	.4		ADH	PDH

[signature]
AP468968071IA

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1016685
Mech: JDR
Shop Code: F
Equip Code: A
Opened: 1/29/2002 16:05

OBTAIN ALL
INITIALS BEFORE FILING

R/A
Parts (optl) SML
Date closed: 1/29/2002

Customer: UND Acct#: 1244-0518-471 Preliminary Insp In Progress Insp

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,056.9 A/F Tach: 671.0 Init JM

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	843.4	843.4
IO-360-C1C6	L2936951A	ENGINE (ARROW)(APPL# 9325)	843.4	843.4
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	843.4	843.4

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	Gear warning light stayed on with gear handle up.	32 30	1	Adjusted nose gear up limit switch. Operational check good	32 30	N	1/29	2.0		JM	

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 1-29-02

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1018832
Mech: MOA
Shop Code: F
Equip Code: A
Opened: 1/28/2002 16:27

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt'l) PXR

89

Date closed: 1-28-02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp Inspp In Progress Insp

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,055.6 A/F Tach: 670.1 Init: MOA

Part#	Serial#	Description	TSO	Total Time
289ND				
PA28R-201	2844039	AIRFRAME (ARROW)	842.5	842.5
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	842.5	842.5
B2D34C213	000909	PROP (B2D34C213-B/G-90DHA16) ARI	842.5	842.5

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	Gear unsafe Ann. light stayed on. When Gear Up, Gear Down position received three Green	32 30	1	MOA Jacked Airc- raft and Ran Gear up + down several times. Couldn't Duplicate ops ✓ OK at this time	32 30	N	1/28	1.0		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 OGSR092N.
Authorized Signature
Date 1-28-02

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1016530
Mech: SJC
Shop Code: F
Equip Code: A
Opened: 1/25/2002 9:37

OBTAIN ALL
INITIALS BEFORE FILING

R/A
Parts (opt) N

Date closed: 1/25/2002

Customer: UND Acct#: 1244-0518-471 Preliminary Insp ____ In Progress Insp ____

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,050.9 A/F Tach: 666.9 Init

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	839.3	839.3
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	839.3	839.3
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	839.3	839.3

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	intermittent grindy noise under inst panel	2300	1	replaced faulty avionics cooling fan, ops ckd 0.12	2300	N	1/25	1.0		SA	

Stephen Carpet
HOP502767224

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1016509
Mech: TJS
Shop Code: F
Equip Code: A
Opened: 1/24/2002 16:11

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt) SMT

Date closed: 1/24/02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp Initials In Progress Insp Initials

N#: N299ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,046.9 A/F Tach: 864.1 Init TJS

Part#	Serial#	Description	TSO	Total Time
~~PA28R-201~~	~~2844099~~	AIRFRAME (ARROW)	836.5	836.5
IO-360-C1C6	L2936951A	ENGINE (ARROW)(APPL# 9325)	836.5	836.5
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	836.5	836.5

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Both Revision B Heads to be installed	2510	1	Installed Revision B	2510	N	1/24	.3		TJS	

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 1-24-02

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1018438
Mech: JEB
Shop Code: F
Equip Code: A
Opened: 1/22/2002 7:11

OBTAIN ALL
INITIALS BEFORE FILING

R/A
Parts (opti) SM
Date closed: 1-22-02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp Insp

In Progress Insp

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,038.8 A/F Tach: 668.6 Init JEB

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	831.0	831.0
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	831.0	831.0
B2D34C213	000909	PROP (B2D34C213-B/G-90DHA16) ARI	831.0	831.0

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	R/H fire ext.	32 40	1	Replaced tube	32 40	N	1/22	.7		JEB	

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 OG5R092R.
Authorized Signature
Date 1-22-02

INSPECTION SUPPLEMENT AND WORK ORDER

~~John D. Odegard~~ School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1016434
Mech: CEC
Shop Code: F
Equip Code: A
Opened: 1/21/2002 14:46

OBTAIN ALL
INITIALS BEFORE FILING

R/A
Parts (opti)
Date closed: 1-21-02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp In Progress Insp

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,038.8 A/F Tach: 858.6 Init

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	831.0	831.0
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	831.0	831.0
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	831.0	831.0

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	Phase 2 insp.	05/20	1	Complied with phase 2	05/20	N	1/21	6.0			
	due			insp. I A.W phase 2	05 20	N	1/21	4.9		HES	
				insp checklist next	05/20	N	1/21	5.0		AJJ	
	#1 72/80 #2 76/80			phase 3 insp due 727.6		N	1/21	4.5			
	#3 74/80 #4 78/80										
2	induction Air filter	71/00	1	R&R air induction	71/00	N	1/21	.2			
	is due			filter. next							
				Time due 858.6 Tach.							

certify that this aircraft has been inspected in accordance with a phase 2 inspection including, as applicable, a routine inspection of wing, landing gear, cabin, fuselage empennage and detailed inspection of engine prop and was determined to be unairworthy and a list of discrepancies and unairworthy items follows by problem description number.

Certified Repair Station OG5R008N

Authorized Signature

Date 1-21-02

INSPECTION SUPPLEMENT AND WORK ORDER Page 2 of 6

Reg#: (N) 289ND Work Order #: 1016434

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
3	Hyd power Pack	32/30	1	Serviced Hyd.	13/10	N	1/21	.1		[illegible]	[illegible]
	low on Fluid			power pack							
4.	Prop Nicked	61/00	1	Dressed prop and	61/00	N	1/21	.6		AJJ	[illegible]
				Painted	61/00	N	1/21	.1		[illegible]	[illegible]
5.	#2 cyl intake	22/30	1	Replaced gasket	22/30	N	1/21	.3		HES	[illegible]
	gasket leaking				22/30	N	1/21	.1		[illegible]	[illegible]

INSPECTION SUPPLEMENT AND WORK ORDER Page 3 of 6

Reg#: (N) 289ND Work Order #: 1016434

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
6	#4 Rocker Cover	72/30	1	Replaced gasket	72/30	N	1/21	.4		HES	
	gasket leaking				72/30	N	1/21	.1			
7.	Screw Stripped out	78/00	1	Removed Screw	78/00	N	1/21	.3		HES	
	on exhaust Shroud			Replaced with new	78/00	N	1/21	.1			
				Screw							
8	#1 Cyl intake	72/30	1	Replaced gasket	72/30	N	1/21	.3		HES	
	gasket leaking				72/30	N	1/21	.1			

INSPECTION SUPPLEMENT AND WORK ORDER Page 4 of 6

Reg#: (N) 284WD Work Order #: 1016434

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
9.	Control Yokes need to be cleaned & Lubed	27/30	1	Cleaned and Lubed Control Yokes	27/30	N	1/21	.2		AJJ	
					77/30	N	1/21	.1		CEE	
10	Nose gear actuator Rod end loose	32/30	1	~~tighten~~ tightened Rod end, retracted and extended gear, ops check good	33/30	N	1/21	.5		HES	
					33/30	N	1/21	.1		CEE	
11	Manifold line needs to be secured	77/10	1	Resecured Line	77/10	N	1/21	.2		HES	
					77/10	N	1/21	.1		CEE	

INSPECTION SUPPLEMENT AND WORK ORDER Page 5 of 6

Reg#: (N) 289NP Work Order #: 10164434

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
12	Battery box cracked on upper aft-edge	24/40	1	Repaired box w/ Duramix epoxy	24/40	N	1/20	.3			
13	Oil cooler air intake scat hose ripped	71/60	1	Replaced Hose	71/60	N	1/21	.3		HES	
					71/60	N	1/21	.1			
14	Muffler shroud worn through	71/60	1	Replaced Shroud	71/60	W	1/21	.8		HES	
					71/60	W	1/21	.3			

INSPECTION SUPPLEMENT AND WORK ORDER

Page 6 of 6

Reg#: (N) 289ND

Work Order #: 1016434

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
15	Co-pilots shoulder	25/10	1	R+R Co-pilots shoulder	25/10	N	1/21	.5		[illegible]	[illegible]
	harness frayed			harness and seat belts			1/21	1.0		[illegible]	[illegible]
				Updated Weight and							
				balance							
16	Nose gear uplock Rubber	32/30	1	Replaced uplock Bolt	32/30	N	1/21	.4		[illegible]	[illegible]
	Torn			assy. Swung gear							
				opscheck good							
17	Insp. Time	0560	1	time	05/60	N	1/21	1.0		[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 OQSR093N

Authorized Signature [signature]

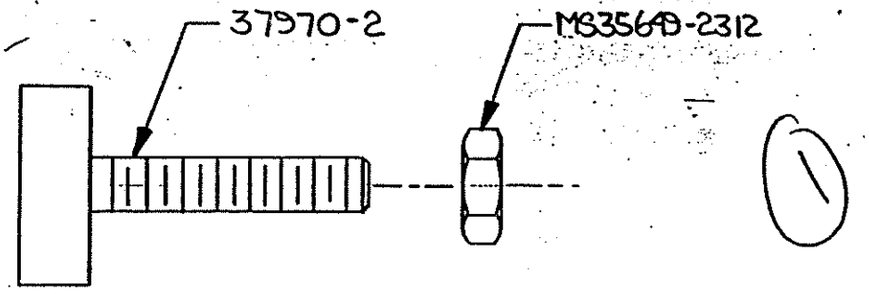
Date 1-21-22

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 1 ON MODEL 28RT201 S/N 8178031 AND UP. USE STOP AS IS "DO NOT DRILL AND TAP"

3 IDENTIFICATION COLOR = NATURAL (WHITE-CREAM).



3

-5 ASSY.

FAB. DWG. CRIB

							6
							5
							4
		POLYESTER POLYURETHANE (MILLATHANE 66/ COMPOUND # M-66-59) TSE INDUSTRIES			1 3		3
1010 STL.		COMMERCIAL GRADE	COMMERCIAL GRADE ZINC PLATE .0002 THICK				2
a) #7534 TSE INDUSTRIES							1
MATERIAL	STOCK SIZE	MATERIAL SPECIFICATION		FINISH SPECIFICATION	INSPECTION SPECIFICATION	ZONE	ITEM NO.

3-77

7/7/77

GN.

(VB-9)

-9

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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

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1016419
Mech: KHP
Shop Code: F
Equip Code: A
Opened: 1/20/2002 9:21

OBTAIN ALL
INITIALS BEFORE FILING

R/A [signature]
Parts (optl) OKK
Date closed: 1-20-02

Customer: UND Acct#: 1244-0518-471 Preliminary Insp — In Progress Insp —

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,038.8 A/F Tach: 658.6 Init KHP

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	831.0	831.0
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	831.0	831.0
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	831.0	831.0

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1.	Door Track Broken	52 00	1	Replaced Rivet	52 00	N	1/20	.5		HES	KHP
				in Door track	52/00	N	1/20	.2		KHP	KHP

[signature]
Ao P4777825 04

INSPECTION SUPPLEMENT AND WORK ORDER

John D. Odegard School
of Aerospace Sciences
University of North Dakota
Box 9007 University Station
Grand Forks, ND 58202-9007

WKO#: 1016351
Mech: JDR
Shop Code: F
Equip Code: A
Opened: 1/17/2002 15:38

OBTAIN ALL INITIALS BEFORE FILING

R/A [signature]
Parts (opt) [signature]
Date closed: 1/17/2002

Customer: UND Acct#: 1244-0518-471 Preliminary Insp [initials] In Progress Insp [initials]

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 1,029.8 A/F Tach: 651.9 Init [initials]

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	824.3	824.3
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	824.3	824.3
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	824.3	824.3

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Fuel selector stop tab stuck halfway. Allows selector to go to full off without tab being depressed.	28 20	1	Repaired stuck tab. Operational check good	28 20	N	1/17	.5		JTR	JM

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 QG5R092N.
Authorized Signature [signature]
Date 1/17/2002