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#: 1008126
Mech: SJC
Shop Code: F
Equip Code: A
Opened: 1/2/2001 8:36

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt)

Date closed: 1/2/01

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

N#: N288ND Acft Type: ARRO Model: PA28R-201 Bill Meter A/F Tach: 0.0 Init

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

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#: 1008132
Mech: JLG
Shop Code: F
Equip Code: A
Opened: 1/2/2001 11:02

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt)
Date closed: 1/5/2001

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

N#: N209ND AcftType: ARRO Model: PA28R-201 Bill Meter: A/F Tach: 23.2 Init

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	23.2	23.2
IO-360-C1C6	L2938851A	ENGINE (ARROW)(APPL# 9325)	23.2	23.2
B2D34C213	000908	PROP (ARROW) (B2D34C213-B/G-90E	23.2	23.2

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Acceptance INSP	0520	1	drained oil Made Copies of paperwork serviced oil, CHGed oil filter finished checklist item 2, ran, balCKed OK.	0500	N	1/2	1.2	SA		
						N	1/3	1.2	SA		
2	Lft MLG strut low	3210	1	serviced lft strut to correct extension	3210	N	1/3	.2	SA		
3	remove telex headset	0520	1	removed, revised equipment list and W&B	0800	N	1/5	.3	SA		

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 OG5R062N.
Authorized Signature
Date 1/5/2001

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#: 1008197
Mech: RJM
Shop Code: F
Equip Code: A
Opened: 1/9/2001 13:27

OBTAIN ALL INITIALS BEFORE FILING

84

R/A [initials]
Parts (opt) N
Date closed 1/9

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

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 28.5 A/F Tach: 26.3 Init [initials]

289ND

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	26.3	26.3
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	26.3	26.3
B2D34C213	000908	PROP (ARROW) (B2D34C213-B/G-90E	26.3	26.3

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	Would Not Start	80/10	1	Started AK Ops Check good	80/10	N	1/9	.5			[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 OG8R092N
Authorized Signature Bob Mach
Date 1/9/01

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#: 1008232
Mech: SFB
Shop Code: F
Equip Code: A
Opened: 1/10/2001 13:22

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt) SMT
Date closed: 01/10/01

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

N# N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 32.0 A/F Tech: 29.4 Init

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	29.4	29.4
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	29.4	29.4
B2D34C213	000908	PROP (ARROW) (B2D34C213-B/G-90E	29.4	29.4

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	Won't start	7200	1	CND. Started normally	7200	N	01/10	.5			
				Scott F Baker AP3486 1074							

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#: 1008322
Mech: CEC
Shop Code: F
Equip Code: A
Opened: 1/16/2001 22:02

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt): N
Date closed: 1-16-01

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

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 38.6 A/F Tach: 35.5 Init: CEC

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	35.5	35.5
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	35.5	35.5
B2D34C213	000908	PROP (ARROW) (B2D34C213-B/G-90C	35.5	35.5

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	wouldn't start	74/20	1	cleaned & reinstalled spark plugs, ops check good.	74/20	N	1-16	.5		CEC	

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 [illegible]
Authorized Signature [signature]
Date 1-16-01

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#: 1008423
Mech: BTM
Shop Code: F
Equip Code: A
Opened: 1/22/2001 16:00

OBTAIN ALL
INITIALS BEFORE FILING

R/A
Parts (opt)
Date closed: 1/22

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

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 61.5 A/F Tach: 55.6 Init ____

Part# 289ND	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	55.6	55.6
IO-360-C1C6	L2936961A	ENGINE (ARROW)(APPL# 9325)	55.6	55.6
B2D34C213	000908	PROP (ARROW) (B2D34C213-B/G-90C	55.6	55.6

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

ERROR

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

WKO#: 1008468
Mech: KHP
Shop Code: F
Equip Code: A
Opened: 1/23/2001 16:25

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt'l)

Date closed: 1-24-01

Customer: UND Acct#: 1244-0516-471 Preliminary Insp MNS In Progress Insp ~~KHP~~ MNS

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 67.8 A/F Tach: 61.5 Init: KHP

Part# 289ND	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	61.5	61.5
IO-360-C1C6	L2938951A	ENGINE (ARROW)(APPL# 0325)	61.5	61.5
B2D34C213	000909	PROP (ARROW) (B2D34C213-B/G-90E	61.5	61.5

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Phase 1 Insp. Due	05-20	1	Completed Phase I IAW UND checklist Phase II due @ 120HRTT	0520	N	1/24	5.0		KHP	MNS
2	AD 93-02-05 Fuel Injection Lines Due dated 6-14-93	0400	1	c/w AD 93-02-05 dated 6.14.93, next due at tac time 130.	0400	N	1/24	.5		KHP	MNS

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

Certified Repair Station OGSR092N

Authorized Signature Kirk Peterson

Date 1-24-01

INSPECTION SUPPLEMENT AND WORK ORDER Page 2 of 5

Reg#: (N) ~~1~~ 289 ND Work Order #: 8468

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
3	Prop nicked	61.10	1	Dressed out nicks	61.10	N	1/24	.3		KHP	MHS
								.1	MHS	KHP	MHS
4	Elevator cable pulley	2730	1	~~Tensioned and~~	2730	N	1/24	.6		KHP	MHS
	Frozen			~~safetied~~ lubed							
				and freed pulley							
5	Aileron cable	27.10	1	Tensioned and	27.10	N	1/24	.5		KHP	MHS
	tension Low			safetied							

INSPECTION SUPPLEMENT AND WORK ORDER Page 3 of 5

Reg#: (N) 289 Work Order #: 8468

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
6	Elevatur cable tension Low	2730	1	Tensioned & safetied	2730	N	1/24	.5		KHP	MNS
7	WIRE chafing com 1 Radio rack	23.10	1	Tied up wiring on Com 1 Radio Rack	23.10	N	1/24	.2		DPS	MNS
							1/24	.1		SOC	MNS
8	Altimeter post lt out	33.10	1	Replaced Lamp	33.10	N	1/24	.1		KHP	MNS

INSPECTION SUPPLEMENT AND WORK ORDER Page 4 of 5

Reg#: (N) 289 Work Order #: 3468

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
9	Oil Filler tube loose, leaking & safetied wrong	79-10	1	Tightened & Resafetied Oil Filler Tube	79-10	W	1/24	.3		MNS	
10	Left Defrost tubeing cracked several places	21-20	1	Repaired hose and rerouted to stop chafing	21-20	N	1/24	.7 .1		DPS KHP	MNS MNS

INSPECTION SUPPLEMENT AND WORK ORDER Page 5 of 5

Reg#: (N) 289 Work Order #: 3468

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
11	Nose Tire press	32-40	1	Aired tire to	32-40	N	1/24	.2		MMS	
	Low			Specs							
	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. Ethod Date 1-24-10										

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#: 1015816
Mech: JDR
Shop Code: F
Equip Code: A
Opened: 12/14/2001 15:01

OBTAIN ALL INITIALS BEFORE FILING

R/A [initials]
Parts (opt) SML
Date closed: 12/14/2001

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

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 960.9 A/F Tach: 598.6 Init JM

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	771.0	771.0
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	771.0	771.0
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	771.0	771.0

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	Phase one inspection due	05 20	1	Phase one completed Phase two due @ 667.6 tach time	05 20	N	12/14	6.0		JM	SB
							12/14	5.5		[illegible]	SB

I certify that this aircraft has been inspected in accordance with Phase one inspection, including, as applicable a routine inspection of engine, propeller, wings landing gear and detailed inspection of cabin fuselage empennage and was determined to be in airworthy condition, and is approved for return to service
Certified Repair Station OG5R092N
Authorized Signature [signature]
Date 12/14/2001

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
2	AD 93-02-05 Injection line insp. Amendment date June 14, 1993	04 00	1	Inspected injection lines. No defects noted at this time. Next inspection due @ 677.6 tach time	04 00	N	12/14	.3		JM	SB

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) 289ND

Work Order #: 1015816

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
3	Yearly ELT Inspection due	05 00	1	This ELT was inspected in accordance with applicable manufacturer's instruction of FAA notice A8150-3 and found to meet the requirements of FAR 91.207 (d). ELT Model ELT110-4 ELT S/N # 30138 ELT Test Date 12/14/2001 Authorized Signature [signature] Certified Repair Station OG5R092N	25 60	N	12/14	.3		JM	SB
							Next due 12/31/2002				
4	left JM ~~right~~ tire worn P/N 6.00x6x6PR S/N 0360H00101	32/40	1	R & R Lt. main tire P/N 6.00x6x6ply S/N 1171W00068	32/40	N	12/14	.7		[signature]	SB
5	right JM ~~left~~ tire worn. P/N 6.00x6x6ply S/N 1027W00038	32/40	1	R & R Rt. main tire P/N 6.00x6x6ply S/N 1169W00054	32/40	N	12/14	.7		[signature]	SB

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) 289ND

Work Order #: 1015816

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
6	left and right brake	32 40	1	Removed and replaced	32 40	N	12/14	.3		Jim	[illegible]
	linings worn to limit			worn brake linings							
7	Right rear fresh air	21 20	1	Found vent and	21 20	N	12/14	.2		Jim	[illegible]
	vent missing			reinstalled							
8	Inspector's time	05 60	1	Insp	0560	N	12/14	.5			[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 OGSR092N

Authorized Signature [signature]

Date 12/14/01

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#: 1009748
Mech: KHP
Shop Code: A
Equip Code: A
Opened: 2/4/2001 10:29

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt)
Date closed: 2/4/01

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

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 82.9 A/F Tach: 75.4 Init: BSS

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	75.4	75.4
IO-360-C1C6	L2938951A	ENGINE (ARROW)(APPL# 9326)	75.4	75.4
B2D34C213	000908	PROP (ARROW) (B2D34C213-B/G-90E	75.4	75.4

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Land light inop.	3340	1	replaced Land light. OP check good.	3340	N	2/4	.2		BSS	KHP
							2/4	.1		JE	KHP

Kurt Peterson
A&P 477782524

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#: 1008777
Mech: SFB
Shop Code: F
Equip Code: A
Opened: 2/5/2001 15:15

OBTAIN ALL INITIALS BEFORE FILING

R/A [initials]
Parts (opt) N
Date closed: 2/05/01

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

N# N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 85.3 A/F Tach: 77.6 Init SB

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	77.7	77.7
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	77.7	77.7
B2D34C213	000909	PROP (ARROW) (B2D34C213-B/G-90C	77.7	77.7

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Key broke off in baggage door lock	5210	1	Removed broken key piece from lock. Ops ✓ good	5210	N	2/05	.2		SB	

Scott F Balm
AP346561074

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#: 1008899 8899
Mech: BTM
Shop Code: F
Equip Code: A
Opened: 2/9/2001 11:54

OBTAIN ALL INITIALS BEFORE FILING

84

R/A 84
Parts (opt) 84
Date closed: 2-9-01

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

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 92.6 A/F Tach: 83.6 Init: [illegible]

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	83.7	83.7
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	83.7	83.7
B2D34C213	000908	PROP (ARROW) (B2D34C213-B/G-90C	83.7	83.7

289ND

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Would not start	80 10	1	Used flooded start proc. Started A/C ops ✓ OK at this time.	80 10	N	2/9	.5		[illegible]	[illegible]

[illegible]

AP 323528778 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#: 1008184
Mech: KHP
Shop Code: F
Equip Code: A
Opened: 2/18/2001 15:11

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt)
Date closed: 2-18-01

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

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 120.7 A/F Tach: 107.8 Init KHP

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	107.8	107.8
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	107.8	107.8
B2D34C213	000808	PROP (ARROW) (B2D34C213-B/G-90L	107.8	107.8

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	Aircraft documents not in aircraft	25-10	1	Documents are in pouch behind pilots seat	25-10	N	2/18	.2		KHP	KHP

Lyle Peterson
HOP 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#: 1009329
Mech: SFB
Shop Code: F
Equip Code: A
Opened: 2/22/2001 18:41

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt'l)
Date closed: 2/22/01

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

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 138.3 A/F Tach: 124.0 Init

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	124.0	124.0
IO-360-C1C6	L2936951A	ENGINE (ARROW)(APPL# 9325)	124.0	124.0
B2D34C213	000908	PROP (ARROW) (B2D34C213-B/G-80C	124.0	124.0

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	Landing lite insp	3340	1	R&R lamp, ops ✓ good	3340	N	2/22	.3		SB	-
				Scott F Baker A&P 3456107							

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#: 1009341
Mech: TJB
Shop Code: W
Equip Code: A
Opened: 2/23/2001 11:23

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opti) SM
Date closed: 2/23/01

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

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 139.3 A/F Tach: 124.0 Init TJB

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	124.0	124.0
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	124.0	124.0
B2D34C213	000808	PROP (ARROW) (B2D34C213-B/G-80C	124.0	124.0

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	Aircraft Dirty	1220	1	Washed Aircraft	1220	N	2/23	1.0		TJB	

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#: 1009348
Mech: PDH
Shop Code: F
Equip Code: A
Opened: 2/23/2001 15:00

OBTAIN ALL INITIALS BEFORE FILING

R/A [initials]
Parts (optl) SML
Date closed: 2-23-01

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

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 138.3 A/F Tach: 124.0 Init PDH

Part#	Serial#	Description	TSO	Total Time
PA28R-201 289ND	2844039	AIRFRAME (ARROW)	124.0	124.0
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	124.0	124.0
B2D34C213	000908	PROP (ARROW) (B2D34C213-B/G-90D	124.0	124.0

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	Phase 2 Insp due	05 20	1	Completed Phase 2 Insp IAW	05 20	N	2/23	4.5		PDH	JEB
				UND checklist. Next Phase							
	Compression Results			(3) due tach 180.0							
	#1 70/80 #3 72/80										
	#2 71/80 #4 73/80										
2	AD 93-02-05	04 00	1	C/W AD by visual insp	04 00	N	2/23	.4		PDH	JEB
	Rev date 6-14-93			of injection lines No defects							
	(Injection lines) due			noted. Next due tach 190.0							
3	POH Revision 6	25 10	1	Installed current	25 10	N	2/23	.2		PDH	JEB
	(Arrow s/n 284401 & Up)			revision 6 in POH							

I certify that this aircraft has been inspected in accordance with Phase 2 inspection including, as applicable a routine inspection of Cabin Fuselage, Empennage, Wings Landing Gear and detailed inspection of Engine Propeller and was determined to be in airworthy condition, and is approved for return to service

Certified Repair Station OG5R092N
Authorized Signature [signature]
Date 2-23-01 [signature]

INSPECTION SUPPLEMENT AND WORK ORDER Page 2 of 4

Reg#: (N) 289ND Work Order #: 1009348

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	
4	Idle mixture lean	73 20	1	Adjusted idle mixture richer	73 10	N	2/23	.1		PDH	JEB
5	Yoke switch hole plug popped out	27 30	1	Glued plug in place	27 30	N	2/23	.1		PDH	JEB
6	Yokes sticky	27 30	1	Cleaned & lightly lubed control yoke shafts	27 30	N	2/23	.1		PDH	JEB
7	Prop nicked	61 00	1	Dressed prop leading edges	61 00	N	2/23	.2		PDH	JEB
8	~~Re-timed~~ Left magneto → ong. timing advanced PDH	74 10	1	Re-timed magneto to 20° B.T.D.C	74 10	N	2/23	.2		PDH	JEB

INSPECTION SUPPLEMENT AND WORK ORDER Page 3 of 4

Reg#: (N) 289ND Work Order #: 1009348

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	
9	Rt. Mag ign leads rubbing on eng. mount and Manifold psi tube	74/20	1	Separated & secured leads with lacing cord	74/20	N	2/23	.2		PDH	JEB
10	Top cowl chafing on eng. mount.	71/10	1	Padded contact area on cowl with silicone	71/10	N	2/23	.1		PDH	JEB
11	Lt. cabin heat valve hinge pin missing.	21/20	1	Installed new 3" section of hinge pin	21/20	N	2/23	.2		PDH	JEB
12	Fwd oil cooler hose leaking at hose fitting	79/20	1	Re-torqued hose fitting nut.	79/20	N	2/23	.1		PDH	JEB

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) 289ND

Work Order #: 1009348

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	
13	Tach cable loose at accessory case.	31 20	1	Tightened cable nut	31 20	N	2/23	.1		PDH	JEB
14	#2 intake gasket leaking	72 30	1	Replaced with new gasket	72 30	N	2/23	.3		PDH	JEB
15	Insp	05 60	1	Insp	05 60	N	2/23	1.0		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 O[illegible]5R092N.
Authorized Signature [signature]
Date 2-23-01

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

WKO#: 1000849
Mech: DPS
Shop Code: A
Equip Code: A
Opened: 3/14/2001 13:42

OBTAIN ALL INITIALS BEFORE FILING

R/A KHP
Parts (opt#)
Date closed 3-15-01

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

N#: N289ND Acft Type: ARRO Model: PA28R-201 Bill Meter: 168.2 A/F Tach: 170.5 Init DPS

Par# 289ND	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	170.5	170.5
IO-360-C1C6	L2830861A	ENGINE (ARROW)(APPL# 9325)	170.5	170.5
B2D34C213	000900	PROP (ARROW) (B2D34C213-B/G-90E	170.5	170.5

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Install flight hour meter	31-30	1	Installed flight hour meter IAW attached 337. Updated equipment list, weight, and balance. Tested both the flight hour meter and engine hour meter and both ops checks good.	31-30	N	3/14	1.5		DPS	KHP
					31-30	N	3/15	3.5		DPS	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 3-15-01

MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)

Form Approved OMB No.2120-0020

For FAA Use Only

Office Identification

TIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for ions and disposition of this form. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to ed $1,000 for each such violation (Section 901 Federal Aviation Act 1958)

1. Aircraft	Make Piper	Model PA-28R-201
	Serial No. 2844039	Nationality and Registration Mark N289ND
2. Owner	Name (As shown on registration certificate) University of North Dakota John D Odegard School of Aerospace Sciences	Address (As shown on registration certificate) PO BOX 9007 Grand Forks ND 58202

3. For FAA Use Only

4. Unit Identification / **5. Type**

Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME	~~~~~~~~~~~~~~~~~~~~ *(As described in item 1 above)* ~~~~~~~~~~~~~~~~~~~~				X
POWERPLANT					
PROPELLER					
APPLIANCE	Type / Manufacturer				

6. Conformity Statement

A. Agency's Name and Address	B. Kind of Agency	C. Certificate No.
University of North Dakota PO Box 9007 Grand Forks ND 58202	☐ U.S. Certificated Mechanic ☐ Foreign Certificated Mechanic ☑ Certificated Repair Station ☐ Manufacturer	OG5R092N

D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Date 3-15-01 | Signature of Authorized Individual Kirk Peterson

7. Approval for Return To Service

Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☑ APPROVED ☐ REJECTED

BY

☐	FAA Flt. Standards Inspector	☐	Manufacturer	☐	Inspection Authorization
☐	FAA Designee	☑	Repair Station	☐	Person Appoved by Transport Canada Airworthiness Group

Other *(Specify)*

Date of Approval or Rejection	Certificate or Designation No.	Signature of Authorized Individual
3-15-01	0G5R092N	Kirk Peterson

FAA Form 337 (12-88)

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#: 1009981
Mech: JDR 9981
Shop Code: F
Equip Code: A
Opened: 3/22/2001 6:59

OBTAIN ALL INITIALS BEFORE FILING

R/A [initials]
Parts (opt) SM
Date closed: 3/22/2001

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

N#: N296ND AcftType: ARRO Model: PA28R-201 Bill Meter: 195.5 A/F Tach: 177.3 Init JDC

289ND

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	177.3	177.3
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	177.3	177.3
B2D34C213	000908	PROP (ARROW) (B2D34C213-B/G-90C	177.3	177.3

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Phase 3 Inspection due	05 20	1	Phase 3 Inspection completed Phase 4 due @ 240.0	05 20	N	3/22	4.0		JDC	[initials]
				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 wing 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 3/22/2001							
2	AD 93-02-05 Injection line inspection Amendment date June 14, 1993	04 00	1	C/W Service Bulletin # 342C No defects noted Next due @ 250.0 tach time	04 00	N	3/22	.3		[initials]	[initials]
							3/22	.1		JDC	[initials]
3	left cowl pin bushing worn	71 10	1	Replace cowl pin bushing	71 10	N	3/22	.2		JDC	[initials]

INSPECTION SUPPLEMENT AND WORK ORDER Page 2 of

Reg#: (N) 289ND Work Order #: 1009781

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	
4	Out board aileron pulleys	27/10	1	lubed aileron pulleys	27/10	N	3/22	.3			
	stick						3/22	.1		JDR	
5	left aileron control hits	27/10	1	ajusted yoke control	27/10	N	3/22	.5			
	stop pin on control yoke			stop to spec.			3/22	.1		JDR	
	before hitting stop in										
	wing										
6	Nicks in prop.	61/00	1	Filed prop.	61/00	N	3/22	.2			
							3/22	.1		JDR	

INSPECTION SUPPLEMENT AND WORK ORDER

Page 3 of 3

Reg#: (N) 284NS

Work Order #: 1009981

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	
7	Inspection time	05 60	1	time	05 60	N	3/22	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 CCSR092N.
Authorized Signature
Date 3-22-01

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#: 1010178
Mech: RJM
Shop Code: F
Equip Code: A
Opened: 3/29/2001 15:48

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (optl) smt
Date closed: 3-29

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

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 203.5 A/F Tach: 11.6 Init

Part# 289ND	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	184.0	184.0
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	184.0	184.0
B2D34C213	000908	PROP (ARROW) (B2D34C213-B/G-90D	184.0	184.0

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	STC-SA693CE	04-00	1	installed Bracket	04-00	N	3/29	.5			
	Needs to be			Air filter to							
	accomplished			Replace Paper							
				Air filter as							
				per STC-SA693CE							

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 3-29-01

MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)

Form Approved
OMB No.2120-0020

For FAA Use Only

Office Identification

...or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions ...form. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed $1,000 ...on (Section 901 Federal Aviation Act 1958)

	Make Piper	Model PA-28R201
	Serial No. 2844039	Nationality and Registration Mark N289ND
...ner	Name (As shown on registration certificate) UNIVERSITY OF NORTH DAKOTA	Address (As shown on registration certificate) PO BOX 9007 GRAND FORKS, ND 58202-9007

3. For FAA Use Only

4. Unit Identification / **5. Type**

Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME	~~~~~~~~~~ *(As described in item 1 above)* ~~~~~~~~~~				X
POWERPLANT					
PROPELLER					
APPLIANCE	Type / Manufacturer				

6. Conformity Statement

A. Agency's Name and Address	B. Kind of Agency	C. Certificate No.
JDOSAS Grand Forks International Airport Mark Andrews Field GRAND FORKS, ND 58202	U.S. Certificated Mechanic Foreign Certificated Mechanic X Certificated Repair Station Manufacturer	OG5R092N

D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Date	Signature of Authorized Individual
3/29/01	Robert J. Martin *Robert J. Martin*

7. Approval for Return To Service

Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☑ APPROVED REJECTED

BY						Other *(Specify)*
	FAA Flt. Standards Inspector		Manufacturer		Inspection Authorization	
	FAA Designee	X	Repair Station		Person Appoved by Transport Canada Airworthiness Group	

Date of Approval or Rejection	Certificate or Designation No.	Signature of Authorized Individual
3/29/01	OG5R092N	Robert J. Martin *Robert J. Martin*

FAA Form 337 (12-88)

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#: 1010224
Mech: RJM
Shop Code: F
Equip Code: A
Opened: 4/2/2001 16:04

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt'l)
Date closed: 4-2

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

N#: N288ND AcftType: ARRO Model: PA28R-201 Bill Meter: 203.5 A/F Tach: 11.8 Init

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	184.0	184.0
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	184.0	184.0
B2D34C213	000908	PROP (ARROW) (B2D34C213-B/G-90E	184.0	184.0

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	Temporary to Dual Registration has expired	25-10	1	Installed New Registration	25-10	N	4/2	.3			

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 OG6R992K
Authorized Signature
Date 4-2-01

INSPECTION SUPPLEMENT AND WORK ORDER

ID10403

Page 1 of 1

JOHN D. ODEGARD SCHOOL OF AEROSPACE SCIENCES
University ~~of North~~ Dakota
P.O. Box 9007, University Station
Grand Forks, ND 58202-9007

Work Order #: ~~4130004~~

Date Opened: 4/13/01

OBTAIN ALL INITIALS BEFORE FILING

R/A SP

Parts (opt.) N/A

Date Closed: 4/13/01

N-Number: 289ND

Serial #: 2844039

Hobbs: 217.2

A/F Tach: 22.4

A/F Total: 197.9

Initials: SB

Preliminary Inspec _____ In Progress Inspec : _____

PD	Problem Descrip/Discrep (PD)	GAM	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
1	Landing lite inop	3340	A	R&R Lamp, Ops v good	3340	N	4/13	.3		SB	
				Scott F Balun							
				A&P 3465610741							

INSPECTION SUPPLEMENT AND WORK ORDER

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#: 10106891010689
Mech: DHT
Shop Code: F
Equip Code: A
Opened: 4/26/2001 20:24

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (Appl) ✓
Date closed: 4/26/01

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

N#: N289ND Acft Type: ARRO Model: PA28R-201 Bill Meter: 254.8 A/F Tach: 53.0 Init: DHT

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	225.4	225.4
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	225.4	225.4
B2D34C213	000908	PROP (ARROW) (B2D34C213-B/G-90E	225.4	225.4

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Aircraft wont start	80 10	1	Started A/C	80 10	W	4/26	.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 CG5R062N.
Authorized Signature
Date 4/26/01

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#: 1010883
Mech: SFB
Shop Code: F
Equip Code: A
Opened: 5/3/2001 18:17

OBTAIN ALL INITIALS BEFORE FILING

R/A SmT
Parts (opt) SmT
Date closed: 5/03/01

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

N#: N259ND AcftType: ARRO Model: PA28R-201 Bill Meter: 275.6 A/F Tach: 88.4 Init SS

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	240.8	240.8
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	240.8	240.8
B2D34C213	000008	PROP (ARROW) (B2D34C213-B/G-90E	240.8	240.8

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Oil leak at left side of cowl	7250	1	Found to be air filter fire retardant dripping from air filter box Scott F Balun A&P 3465610741	7100	N	5/03	.2		SS	

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# 1010930
Mech: TJS
Shop Code: F
Equip Code: A
Opened: 5/8/2001 7:14

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt) N
Date closed: 5/8/01

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

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 280.2 A/F Tach: 71.8 Init TJS

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	244.2	244.2
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	244.2	244.2
B2D34C213	000908	PROP (ARROW) (B2D34C213-B/G-90E	244.2	244.2

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Phase 4 due	05/20	1	Complied w/ Phase 4 Phase 1 due At 127.6	05/20	N	5/8	6.0		TJS	
	Compressions #1) 75/80 #2) 72/80 #3) 75/80 #4) 75/80										
2	POH Rev 7 due	25/10	1	Revision Previously Installed	25/10	N	5/8	.1		TJS	

I certify that this aircraft has been inspected in accordance with Phase 4 inspection, including, as applicable a routine inspection of Cabin fuselage emperage Wing and landing gear and detailed inspection of Engine and Prop and was determined to be in airworthy condition, and is approved for return to service

Certified Repair Station OG5R092N
Authorized Signature Timothy J Schmidt
Date 05/08/01

INSPECTION SUPPLEMENT AND WORK ORDER

Page 2 of 4

Reg#: (N) 289ND

Work Order #: 1010930

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Ins
3	SB 548 due	04/00	1	Fuel pump not affected	04	N	5/8	.2		JR	
	Dated 3-7-01			by SB 548. by							
				manufacturers code.							
4	AD 93-02-05 due	04/00	1	C/W AD By visual	73/10	N	5/8	.3		TD	
	Dated 6-14-93			Inspection. No Defects							
				Noted							
				Next due at:							
				137.6							
5	SB 549 due	04/00	1	Crankshaft not affected	04	N	5/8	.2		JR	
				by this service bulletin.							
	Dated March 23, 2001			by engine serial number							

INSPECTION SUPPLEMENT AND WORK ORDER Page 3 of 4

Reg#: (N) 289ND Work Order #: 1010930

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Ins
6	Right mag timing	24/10	1	Adjusted magneto	24/10	N	5/8	.2		JK	
	is early			timings							
7	winterization Plate	~~72~~/50	1	Removed And Stored	~~72~~/50	N	5/8	.2		TJS	
	needs to be removed	71/70		winterization Plate	71/70						
8	Alternator Belt	24/30	1	Adjusted alternator	24/30	N	5/8	.1		JK	
	tension Low			belt tension within							
				limits							

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) 289ND

Work Order #: 1010930

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Ins
9	Fwd muffler	78 00	1	Removed damaged muffler.	78 00	W	5/8	.4		JD	
	Internal Baffle damaged			Installed P/N 67517-003							
				S/N 8934							
10	muffler Shroud	77/10	1	Replaced hose	77/10	W	5/8	.2		TJS	
	Hose Assembly			Assembly							
	ripped two Places										
11	Rubbing for insp	0560	1	Rubbing for insp	0560	N	5/8	.9		SR	
	Hose										

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

Authorized Signature

Date 5/8/2001

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#: 1011081
Mech: RLH
Shop Code: W
Equip Code: A
Opened: 5/14/2001 15:10

OBTAIN ALL INITIALS BEFORE FILING

R/A _____
Parts (opll) _____
Date closed: 5-14-01

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

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 296.1 A/F Tach: 84.0 Init RLH

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	256.4	256.4
IO-360-C1C6	L2936951A	ENGINE (ARROW)(APPL# 9325)	256.4	256.4
B2D34C213	000908	PROP (ARROW) (B2D34C213-B/G-90E	256.4	256.4

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	Aircraft dirty	12 20	1	cleaned & vac Aircraft	12 20	N	5-14	3.0		RLH	
				For display							

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#: 1011175
Mech: TJS
Shop Code: F
Equip Code: A
Opened: 5/20/2001 8:24

OBTAIN ALL INITIALS BEFORE FILING

R/A [initials]
Parts (optl) 5mt
Date closed: 5/20/01

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

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 298.1 A/F Tach: 84.0 Init TJS

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	256.4	256.4
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	256.4	256.4
B2D34C213	[illegible]	PROP (ARROW) (B2D34C213-B/G-90E	256.4	256.4

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	A/C was a	05/50	1	Preformed Normal	05/50	N	5/20	.6		TJS	KHP
	Static display,			Mix Pump, No Problems							
	A/C needs			found, Preformed							
	unscheduled Insp			Interior + Exterior							
	B/4 Returning to			walk Around, No							
	line			descrepancies found.							
	[signature]										
	AoP 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#: 1011259
Mech: DPS
Shop Code: A
Equip Code: A
Opened: 5/24/2001 12:38

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opti)
Date closed: 5/24/2001

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

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 300.0 A/F Tach: 86.9 Init JHz

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	259.3	259.3
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	259.3	259.3
B2D34C213	000908	PROP (ARROW) (B2D34C213-B/G-90E	259.3	259.3

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	Comm #1 transmitter weak	23-10	1	Tested Comm #1 and Alligned transmitter power. Operational check good	23 10	N	5/24	.5		JHz	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 OG5R082N.

Authorized Signature
Date 5/24/2001

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#: 1011296
Mech: DJB
Shop Code: F
Equip Code: A
Opened: 5/25/2001 20:40

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt) SM
Date closed: 5/25/01

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

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 308.5 A/F Tach: 93.4 Init DJB

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	265.8	265.8
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	265.8	265.8
B2D34C213	000908	PROP (ARROW) (B2D34C213-B/G-90E	265.8	265.8

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	PILOTS BRAKES WEAK	32 40	1	BLED BRAKES & TAXI CK OK	32 40	N	5/25	1.0		DJB	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 5-25-01

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#: 1011412
Mech: DPS
Shop Code: A
Equip Code: A
Opened: 5/31/2001 9:39

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt'l)
Date closed: 5/31/01

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

N#: N289ND Acft Type: ARRO Model: PA28R-201 Bill Meter: 340.7 A/F Tach: 118.1 Init KHP

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	290.5	290.5
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	290.5	290.5
B2D34C213	000908	PROP (ARROW) (B2D34C213-B/G-90E	290.5	290.5

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Comm #1 would not transmit far away.	23/10	1	Found Reflected power excessive troubleshot to BNC at com antenna R&R'd BNC. Tests OK	23/10	N	5/31	2.0		BSS	KHP
					23/10	N	5/31	2.0	X	KHP	KHP

Luke Peterson
AOP 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#: 1011384
Mech: DJB
Shop Code: F
Equip Code: A
Opened: 5/30/2001 19:42

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (optl)
Date closed: 5/30/01

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

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 337.3 A/F Tach: 116.4 Init DJB

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	288.8	288.8
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	288.8	288.8
B2D34C213	000908	PROP (ARROW) (B2D34C213-B/G-90E	288.8	288.8

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	LND Light INOP	33 40	1	R&R bulb ops ✓ OK	33 40	N	5/30	.5		DJB	

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 OQ5R092N.
Authorized Signature
Date 5-30-01

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#: 1011412
Mech: DPS
Shop Code: A
Equip Code: A
Opened: 5/31/2001 8:39

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt'l) N/A
Date closed: 5/31/01

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

N#: N289ND Acft Type: ARRO Model: PA28R-201 Bill Meter: 340.7 A/F Tach: 118.1 Init KHP

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	290.5	290.5
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	290.5	290.5
B2D34C213	000908	PROP (ARROW) (B2D34C213-B/G-90E	290.5	290.5

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Comm #1 would not transmit far away.	23/10	1	Found Reflected power excessive troubleshot to BNC at com antenna R&R'd BNC. Tests OK	23/10	N	5/31	2.0		BSS	KHP
					23/10	N	5/31	2.0	X	KHP	KHP

Luke Peterson
AOP 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#: 1011468
Mech: CEC
Shop Code: F
Equip Code: A
Opened: 6/1/2001 21:12

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt'l)
Date closed: 6-1-01

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

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 343.1 A/F Tach: 119.9 Init

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	292.3	292.3
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	292.3	292.3
B2D34C213	000908	PROP (ARROW) (B2D34C213-B/G-90E	292.3	292.3

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	Bird Nest found in tail cone	53/00	1	Cleaned out Bird Nest	53/00	W	6-1	.3			

A&P 474829955

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#: 1011477
Mech: KHP
Shop Code: F
Equip Code: A
Opened: 6/3/2001 14:30

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (optl) OK 2
Date closed: 6/04/01

Customer: UND Acct#: 1244-0518-471 Preliminary Insp KHP In Progress Insp UND CAS 14 INSP

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 352.9 A/F Tach: ~~127.9~~ 128.6 Init AFS

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	300.3	300.3
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	300.3	300.3
B2D34C213	000908	PROP (ARROW) (B2D34C213-B/G-90E	300.3	300.3

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	PHASE 1	05 20	1	PHASE 1 INSPECTION	05 20	N	6 03	1.0		AFS	UND CAS 14 INSP
	INSPECTION DUE			COMPLETED PER		N	6 04	6.0		AFS	UND CAS 14 INSP
				UND CHECKLIST							

I certify that this aircraft has been inspected in accordance with PHASE 1 inspection, including, as applicable a routine inspection of ENGINE, PROPELLER, WINGS & LANDING GEAR and detailed inspection of CABIN, FUSELAGE & EMPENNAGE and was determined to be in airworthy condition, and is approved for return to service
Certified Repair Station OG5R092N
Authorized Signature Avram Stanger
Date 6/04/01

PHASE 2 INSPECTION DUE AT 187.6 MAINT METER

2	AD 93-02-05	04 00	1	COMPLIED WITH	73 10	N	6 04	.3		AFS	UND CAS 14 INSP
	DUE			AD 93-02-05 BY							
DATE	6-14-93			VISUAL INSPECTION.							
				NO DEFECTS FOUND							
NEXT	DUE AT 187.6 AFS			AT THIS TIME							

INSPECTION SUPPLEMENT AND WORK ORDER

Page 2 of

Reg#: (N) 289ND

Work Order #: 1011477

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	
3	PROP NICKED	61 00	1	Dressed Prop	61 00	N	6 04	0.4		[signature]	UND CAS 14 INSP
						N	6 04	.1		AFS	UND CAS 14 INSP
4	AIR FILTER HOUSING	71 60	1	REINSTALLED	71 60	N	6 04	.1		AFS	UND CAS 14 INSP
	NOT PROPERLY CLOSED			AIR FILTER HOUSING							
				CORRECTLY							
5	IGNITION LEADS ARE	74 20	1	REPOSITIONED &	74 20	N	6 04	0.8		[signature]	UND CAS 14 INSP
	TYWRAPPED TO BLAST			SECURED LEADS		N	6 04	.1		AFS	UND CAS 14 INSP
	TUBE ON BOTH SIDES										
6	LOWER COWL	71 10	1	R+R Lower Cowl	71 10	N	6 04	0.4		[signature]	UND CAS 14 INSP
	BUSHINGS WORN			Bushings		N	6 04	.1		AFS	UND CAS 14 INSP

INSPECTION SUPPLEMENT AND WORK ORDER

Page 3 of [redacted]

Reg#: (N) 289ND

Work Order #: 1011477

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	
7	PLANT DEBRIS IN TAIL CONE	55 00	1	REMOVED DEBRIS	55 00	N	6 04	.2		AFS	BRD CAS 14 INSP
8	BRAKE LININGS WORN	32 40	1	R&R Rt & Lt main brake linings	52 40	N	6 04	0.8		[redacted]	BRD CAS 14 INSP
						N	6 04	.1		AFS	BRD CAS 14 INSP
9	STABILATOR CABLE PULLEYS IN FRONT OF SPAR FLAT SPOTTED	27 30	1	R&R'D PULLEYS WITH NEW PARTS	27 30	W	6 04	1.0		AFS	BRD CAS 14 INSP
10	STABILATOR CABLE TENSION TOO HIGH	27 30	1	ADJUSTED STAB. CABLE TENSION TO 40 lbs.	27 30	N	6 04	.5		AFS	BRD CAS 14 INSP

ALL THIS TIME

INSPECTION SUPPLEMENT AND WORK ORDER

Page 4

Reg#: (N) 289ND

Work Order #: 1011477

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	
11	FLAP LEVER DUST SHIELD BROKEN	27 50	1	R&R'D DUST SHIELD	27 50	W	6 04	.3		AFS	UND CAS 14 INSP
12	STORM WINDOW LATCH NEEDS NEW GASKET	56 10	1	R&R'D GASKET	56 10	N	6 04	.1		AFS	UND CAS 14 INSP
13	INSPECTOR'S TIME	05 60	1	Inspected	05 60	N	6 04	1.0			UND CAS 14 INSP

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 OG5R092[illegible]
Authorized Signature
Date 6-4-04

UND CAS 14 INSP

UND CAS 14 INSP

INSPECTION SUPPLEMENT AND WORK ORDER

Page 2 of [redacted]

Reg#: (N) 289ND

Work Order #: 1011477

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech
3	PROP NICKED	61 00	1	Dressed Prop	61 00	N	6 04	0.4		[redacted] USD CAS 14 INSP
						N	6 04	.1		AFS USD CAS 14 INSP
4	AIR FILTER HOUSING	71 60	1	REINSTALLED	71 60	N	6 04	.1		AFS USD CAS 14 INSP
	NOT PROPERLY CLOSED			AIR FILTER HOUSING						
				CORRECTLY						
5	IGNITION LEADS ARE	74 20	1	REPOSITIONED &	74 20	N	6 04	0.8		[redacted] USD CAS 14 INSP
	TYWRAPPED TO BLAST			SECURED LEADS		N	6 04	.1		AFS USD CAS 14 INSP
	TUBE ON BOTH SIDES									
6	LOWER COWL	71 10	1	R&R Lower Cowl	71 10	N	6 04	0.4		[redacted] USD CAS 14 INSP
	BUSHINGS WORN			Bushings		N	6 04	.1		AFS USD CAS 14 INSP

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) 289ND

Work Order #: 1011477

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	
7	PLANT DEBRIS IN	55 00	1	REMOVED DEBRIS	55 00	N	6 04	.2		AFS	BND CAS 14 INSP
	TAIL CONE										
8	BRAKE LININGS WORN	32 40	1	R+R Rt+Lt main	52 40	N	6 04	0.8			BND CAS 14 INSP
				brake linings		N	6 04	.1		AFS	BND CAS 14 INSP
9	STABILATOR CABLE	27 30	1	R&R'D PULLEYS	27 30	W	6 04	1.0		AFS	BND CAS 14 INSP
	PULLEYS IN FRONT OF			WITH NEW PARTS							
	SPAR FLAT SPOTTED										
10	STABILATOR CABLE	27 30	1	ADJUSTED STAB.	27 30	N	6 04	.5		AFS	BND CAS 14 INSP
	TENSION TOO HIGH			CABLE TENSION TO							
				40 lbs.							

INSPECTION SUPPLEMENT AND WORK ORDER

Page 4 of

Reg#: (N) 289ND

Work Order #: 1011477

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	
11	FLAP LEVER DUST SHIELD	27 50	1	R&R'D DUST SHIELD	27 50	W	6 04	.3		AFS	UND CAS 14 INSP
	BROKEN										
12	STORM WINDOW CATCH	56 10	1	R&R'D GASKET	56 10	N	6 04	.1		AFS	UND CAS 14 INSP
	NEEDS NEW GASKET										
13	INSPECTOR'S TIME	05 60	1	Inspected	05 60	N	6 04	1.0			UND CAS 14 INSP

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 OG5R[illegible]

Authorized Signature UND CAS 14 INSP

Date 6-4-04

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#: 1011565
Mech: SJC
Shop Code: F
Equip Code: A
Opened: 6/8/2001 11:20

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt'l)

Date closed: 6/8/2001

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

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 365.1 A/F Tach: 137.0 Init

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	309.4	309.4
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	309.4	309.4
B2D34C213	000908	PROP (ARROW) (B2D34C213-B/G-90E	309.4	309.4

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Split window latch screw missing	5640	1	replaced missing hardware Stephen Cogle A&P 502767224	5640	N	6/8	.5		SJC	

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#: 1011565
Mech: SJC
Shop Code: F
Equip Code: A
Opened: 6/8/2001 11:20

OBTAIN ALL
INITIALS BEFORE FILING

R/A [initials]
Parts (opt) SM
Date closed: 6/8/2001

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

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 365.1 A/F Tach: 137.0 Init [initials]

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	309.4	309.4
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	309.4	309.4
B2D34C213	000908	PROP (ARROW) (B2D34C213-B/G-90C	309.4	309.4

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	~~[illegible]~~ Spit window latch screw missing	5640	1	replaced missing hardware	5640	N	6/8	.5		SA	

[signature]
A&P 502767224

289ND

11589

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#: 1011589
Mech: DPS
Shop Code: A
Equip Code: A
Opened: 6/9/2001 11:38

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt'l)
Date closed: 6-9-01

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

N#: N289ND Acft Type: ARRO Model: PA28R-201 Bill Meter: 369.7 A/F Tach: 140.6 Init: DPS

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	313.0	313.0
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	313.0	313.0
B2D34C213	000908	PROP (ARROW) (B2D34C213-B/G-90E	313.0	313.0

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Alt light on and no output-	24-30	1	Could not duplicate gripe. Alternator functions properly at this time	24-30	N	6/9	.8		DPS	

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 OG3R092N.

Authorized Signature

Date 6-9-01

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#: 1011652
Mech: MOA
Shop Code: F
Equip Code: A
Opened: 8/12/2001 14:37

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt) SM
Date closed 6-12-01

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

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 3806 A/F Tach: 149.3 Init MOA

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

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	A/T INop annunciator on and Ampmeter Reads 0 Amps P/N 68804-04 S/N ~~V3766~~ ? 80227019	24 30 1		Removed Cowling Inspected A/T fuse + Brushes + Belt tension No defects Noted Ran Aircraft found A/T INop only if large load was Applyed then removed suddenly. Removed + Replaced Voltage Reg set at 14.2 ops OK P/N 68804-04R S/N 5689	24 30	W	6/12	4.0		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 OG5R092N.
Authorized Signature
Date 6-12-01

LAMAR
TECHNOLOGIES CORPORATION

University of North Dakota
Center for Aerospace
Sciences Flight Operations
PO Box 9007
Grand Forks, ND 58201

CERTIFICATE OF CONFORMANCE

I hereby certify that the enclosed material has been inspected and found in conformance with the applicable drawings and specifications as follows:

Lamar P/N:	B-00371-1
Customer P/N:	557-337
Qty:	1
Description:	Alt Cont, 14V
Serial Numbers:	5689

Reuben D. Kesler
Inspection Department

8-13-99
Date

14900 - 40th Avenue NE • Marysville, Washington 98271 • USA • Tel (360) 651-6666 • Fax (360) 651-6677

LAMAR TECHNOLOGIES CORPORATION

FEDERAL AVIATION ADMINISTRATION
PARTS MANUFACTURING APPROVAL
SUPPLEMENT NO. 7

LAMAR P/N	DESCRIPTION	CUSTOMER P/N	AIRCRAFT ELGIBILITY
PIPER			
A-00258-1	Switch, Alternator Inoperative	587 863	PA-23 Series, PA-30 & PA-39, PA-38, PA-28 Series, PA-32 Series, PA-34-200T/-220T
A-00258-2	Switch Alternator Inoperative	587 857	PA-23 Series, PA-31 Series, PA-31P, PA-34 Series
B-00266-2	Overvoltage Relay, 28V	484 182	PA-23-235/-250, PA-31 Series, PA-36
B-00286-1	Regulator, 28V Parallel Operation	550 390	PA-23-235/-250, PA-31, PA-300, PA-31-325/-350, PA-31P, PA-34-220T
B-00288-1	Regulator, 14V Parallel Operation	550 393	PA-23-235/-250, PA-30, PA-39, PA-34-200T/-220T, PA-44-180/-180T
B-00289-2	Overvoltage Relay, 14V	484 183	PA-18, PA-30/PA-39, PA-23-235/-250, PA-28 Series, PA-32 Series, PA-34-220/-200T
B-00306-3	Regulator, 28V Parallel Operation	584 042	PA-60, PA-60-601, PA-60-601P/-602P-700P
B-00325-1	Timer Pneumatic Control	488 699	PA-23 Series, PA-31 Series, PA-31T Series
B-00331-2	Voltage Regulator, Type I	484 121	PA-38
B-00341-1	Time Delay, Switch Pulsed Output	588 083	PA-31 Series, PA-42-720
B-00345-1	Thermostat Control	488 589	PA-31T-T1
B-00348-1	Time Delay, Switch Pulsed Output	488 721	PA-31T Series
B-00353-1	Timer Module, Surface De-Ice	488 704	PA-31 Series, PA-31P, PA-42-20/1000
B-00364-1	Timer Courtesy Light	488 747	PA-42-720/-1000, PA-46-350, PA-31T Series
B-00364-2	Timer, Courtesy Light	488 751	PA-31 Series, PA-46-310/-350
B-00369-2	Timer	488 750	PA-31T3
B-00371-1	Alternator Control, 14V	557 337	PA-28 Series PA-32 Series, PA-38
B-00375-2	Monitor, Low Voltage	475 272	PA-31P, PA-31T Series, PA-34 Series, PA-46-310/-350, PA-31 Series
B-00382-1	Alternator Control, Load Balance	598 593	PA-31P-350, PA-34-220T, PA-46-310/-350
B-00392-1	Alternator Control, 14V	584 400	PA-44-180/-180T
B-00393-1	Motor Control	572 649	PA-46-310P, PA-60-700P
TWIN COMMANDER			
A-00258-2	Switch, Alternator Inoperative	A-00258-2	700
B-00307-1	Regulator, 28 V Parallel Operation	B-00307-1	700 500S
B-00337-0	Relay, 28 V Overvoltage	B-00337-0	690C, 695, 695A 690D, 695B 700

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#: 1011714
Mech: DJB
Shop Code: F
Equip Code: A
Opened: 6/15/2001 18:52

OBTAIN ALL INITIALS BEFORE FILING

R/A DP SM1
Parts (optl) SM1
Date closed: 6/17/01

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

N#: N289ND Acft Type: ARRO Model: PA28R-201 Bill Meter: 385.7 A/F Tach: 152.7 Init KHP

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	325.1	325.1
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	325.1	325.1
B2D34C213	000908	PROP (ARROW) (B2D34C213-B/G-90E	325.1	325.1

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Shortly after take off alternator dropped off line ALX8521 } OUT SN A071056)	24/30	1	R&R'd alternator and tested, alt came on line then dropped off after 1 min. Checked input to alt field found it not present. (No voltage) checked field output of recently replaced regulator. Found output intermittant right at regulator	24/30 24/30	W W 1618 SN 1586028	6/17 6/17	1.5 3.0		DJB BSS	KHP KHP
2	Replace regulator B-00371-1 } OUT SN 5689 SN IN 80149803	24/30	1	Replaced regulator Ran a/c for 35 min while swinging HS 1 system stays online adjusted bus volts	24/30 24/30	W W	6/17 6/17	1.0 .3		BSS DJB	KHP 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 6/17/01

Wo# N 289 ND 11714

AERO ELECTRIC INC.

FAA CERTIFIED REPAIR STATION NV2R045L
(316) 943-6100
3414 WEST 29th STREET SOUTH
WICHITA, KANSAS 67217

A -182342

#: A -182342

A -158628

ALX8521

ALTERNATOR

MANUFACTURER: ELECTRO-SYSTEMS

MFG. S/N:

CUSTOMER PO#: S23154

REPAIR CODE: NO

DESCRIPTION: NEW ORDER, CHARGE CORE

DATE: 12/06/00

ORDER #: 178721

BILL TO: 4390
AMR COMBS AIRCRAFT PARTS INT'L
3778 DISTRIPLEX DRIVE NORTH
MEMPHIS, TN 38118

SHIP TO: 4390
AMR COMBS AIRCRAFT PARTS INT'L
4477 GETWELL ROAD
MEMPHIS, TN 38118

Order Qty: 5

INSPECTION RECORD	DATE	INIT.	QTY.	R,U,N	PART
HIDDEN DAMAGE	12-22-00	RL		✓	1) 01: MISC HARDWARE
PRELIMINARY	12-22-00	RL			2) 90-2030: BATTERY TERM. KIT
IN PROCESS	01-02-01	SK	1	N	3) 90-2241: FAN*
FINAL INSPECTOR	JAN 03 2001	JJ	1	N	4) 90-33: NUT*
MAINTENANCE RELEASE	JAN 03 2001	JJ			5) AE1003-2: DE HOUSING* ALE
THIS ITEM IS AIRWORTHY	JAN 03 2001	JJ	1	N	6) AE1132-4: SRE HOUSING*ALK2
			1	N	7) AE45BS-1: BRUSH ASSY PMA
					8) AE501: SPACER* ALE24
					9) AE801: BUSHING PMA* ALE20
			1	N	10) AE943 PMA: SHAFT ALU228S*
SVC BLTN: ASM-8	JAN 03 2001	JJ			11) ALA20GS: THRU BOLT SET*
OM OE-A1	JAN 03 2001	JJ	1	N	12) ALD21: SPACER*
			1	R	13) ALE2008AB R: STATOR 6101AE
					14) ALE23AS: BRUSH
					15) ALH2128S R: ROTOR 5501AEUN
					16) ALU1062A: BLAST TUBE*
			1	N	17) C201A-1: SLIP RING
			1	N	18) GAR171B: SNAP RING*
			1	N	19) GR32: RETAINER*
			1	N	20) HDW10013-1: FRONT BEARING
			1	N	21) HDW10014-1: REAR BEARING
			3	N	22) S2813P: DIODE 243580
			3	N	23) S2814N: DIODE 243581
			1	N	24) ALE1054A: Diode Plate

FUNCTIONAL TEST

VOLTS	14.0/14.0
AMPS	33.0/57.0
VOLTAGE DRAW	
TORQUE	
RPM	3000/6000
FIELD CURRENT	2.4/4.0
ROTATION	E

INSPECTOR STAMP: SK DATE: JAN 02 2001

DEC 26 2000

*SPECIAL INSTRUCTIONS**

Warranty Determination -

Insp. [signature] Date JAN 03 2001

Mechanic Rod [signature] (78) Date 12-22-00

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#: 1011722
Mech: KHP
Shop Code: A
Equip Code: A
Opened: 6/17/2001 7:28

OBTAIN ALL INITIALS BEFORE FILING

R/A KP
Parts (opt'l) SM
KP
Date closed: 6/17/01

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

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 385.7 A/F Tach: 152.7 Init KHP

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	325.1	325.1
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	325.1	325.1
B2D34C213	000908	PROP (ARROW) (B2D34C213-B/G-80E	325.1	325.1

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	Inspect slaved compass system installation	34/50	1	Removed wing tip and found recog lts and strobe lts wiring secured and routed directly over KMT 112 flux tx. Re routed wires and ~~resored~~ resecured bundles away from flux tx. Calibrated KCS55A ~~and wet compass~~	34/50	W	6/17	5.0		BSS	KHP
					34/50	W	6/17	.5		DB	KHP

~~This ELT was inspected in accordance with applicable manufacturer's instruction of FAA notice A8150-3 and found to meet the requirements of FAR 91.207 (d).~~

~~ELT Model_____ ELT S/N #_____~~

~~ELT Test Date_____~~

~~Authorized Signature_____~~
~~Certified Repair Station OG5R092N~~

I certify the aircraft airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration with respect to the work performed and found to be airworthy and is approved for return to service.
Certified Repair Station OG5R092N
Authorized Signature
Date 6/17/01

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#: 1012088
Mech: JDL
Shop Code: F
Equip Code: A
Opened: 7/3/2001 14:32

OBTAIN ALL
INITIALS BEFORE FILING

R/A
Parts (opt'l)
Date closed: 7-3-01

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

N#: N288ND AcftType: ARRO Model: PA28R-201 Bill Meter: 440.3 A/F Tach: 196.4 Init

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	368.8	368.8
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	368.8	368.8
B2D34C213	000908	PROP (ARROW) (B2D34C213-B/G-90E	368.8	368.8

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	Right Main Tire Worn Past Limits	32 00	1	Removed and Replaced Right Main Tire	32 00	N	7/3	.5			

I certify the aircraft airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration with respect to the work performed and found to be airworthy and is approved for return to service.
~~Certified Repair Station~~
Authorized Signature
Date 7-3-01

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#: 1011971 11971
Mech: JDL
Shop Code: F
Equip Code: A
Opened: 6/28/2001 6:51

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt) SMT
Date closed: 6-29-01

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

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 431.1 A/F Tach: 189.2 Init

Part# 289ND	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	361.6	361.6
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	361.6	361.6
B2D34C213	000908	PROP (ARROW) (B2D34C213-B/G-90D	361.6	361.6

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Phase 2 Insp. Due Compression Test Results #1 76/80 #2 75/80 #3 74/80 #4 74/80	05 20	1	Phase 2 Insp. Complete, Next Phase 3 Insp. Due 247.6	05 20	N	6/28	5.5			
						N	6/29	1.5			
2	AD 93-02-05 Injection Lines Effective Date 6-14-93	04 00	1	Visually Insp. Injection Lines, No Defects Found at this time, Next Due 257.6	04 00	N	6/28	.2			

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 6-29-01

INSPECTION SUPPLEMENT AND WORK ORDER Page 2 of 5

Reg#: (N) N289ND Work Order #: 101971

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
3	Induction Air Filter Due for Replacement	71 00	1	R+R Induction Air Filter, Next Due 389.2	71 00	N	6/28	.2			
4	Left Main Tire Worn Past Limits	32 40	1	R+R Left Main Tire	32 40	N	6/28	.5			
5	Cam Lock Washer Missing on Induction Air Filter Cover	71 00	1	Installed Washer	71 00	N	6/28	.1			
6	Rocker Cover Screw Missing on #3 cyl.	72 30	1	Installed Rocker Cover Screw on #3 cyl.	72 30	N	6/28	.1			

INSPECTION SUPPLEMENT AND WORK ORDER Page 3 of 5

Reg#: (N) N289ND Work Order #: 101971

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
7	Nose Strut Is Missing Valve Cap	32 00	1	Installed New Valve Cap on Nose Strut	32 00	N	6/28	.1			
6	#1 Forward Baffle Is Cracked	72 30	1	Stop Drilled Crack	72 30	N	6/28	.2			
9	Fitting Loose on Engine Driven Vacuum Pump	37 00	1	Tightened Vacuum Pump Fitting	37 06	N	6/26	.2			
10	#3 Aft Baffle Is Cracked	72 30	1	Stop Drilled Crack	72 30	N	6/28	.1			

INSPECTION SUPPLEMENT AND WORK ORDER Page 4 of 5

Reg#: (N) N28GM Work Order #: 1011971

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
11	Cotter Pin Missing in Alternate Air Bolt	75 00	1	Installed Cotter Pin in Alt. Air Bolt	75 00	N	6/28	.1			
12	Prop has Nicks	61 00	1	Filed Prop.	61 00	N	6/28	.3			
13	Both Control Yokes are sticky	27 30	1	Lubed Both Control Yokes	27 30	N	6/28	.1			
14	Top Right Cowl Latch is cracked	71 10	1	R+R Top Right Cowl Latch	71 10	N	6/29	.2			

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) N289NF

Work Order #: 101971

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
15	Engine Idle is to high (800 RPM)	76 00	1	Adjusted Idle Stop, ops ✓ good	76 00	N	6/29	.1			
16	All Tire PSIs are Low	32 60	1	Serviced All Tires to PSIs specs.	32 00	N	6/29	.1			
17	Inspectors Time	05 60	1	Time	05 60	N	6/29	1.2			

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 6/29/2001

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#: 1012309
Mech: SJR
Shop Code: F
Equip Code: A
Opened: 7/13/2001 20:57

OBTAIN ALL
INITIALS BEFORE FILING

R/A [initials]
Parts (optl) [initials]
Date closed: 7/13/01

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

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 487.2 A/F Tach: 233.1 Init SJR

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	405.5	405.5
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	405.5	405.5
B2D34C213	000908	PROP (ARROW) (B2D34C213-B/G-90D	405.5	405.5

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Landing Lete inop	3340	1	R+R'd landing	3340	N	7/13	.3		SJR	
				light, GPS ✓ gd							
				[signature]							
				A+P 475848593							

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#: 1012400
Mech: JJV
Shop Code: W
Equip Code: A
Opened: 7/19/2001 14:45

OBTAIN ALL INITIALS BEFORE FILING

R/A _____
Parts (opt) N/A

Date closed: 7-18-01

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

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 498.4 A/F Tach: 241.9 Init _____

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	414.3	414.3
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	414.3	414.3
B2D34C213	000908	PROP (ARROW) (B2D34C213-B/G-90E	414.3	414.3

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	aircraft dirty	1220	1	washed and vac	1220	N	7-18	1.0		JJV	

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#: 1012309
Mech: SJR
Shop Code: F
Equip Code: A
Opened: 7/13/2001 20:57

OBTAIN ALL
INITIALS BEFORE FILING

R/A [initials]
Parts (optl) [initials]
Date closed: 7/13/01

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

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 487.2 A/F Tach: 233.1 Init SJR

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	405.5	405.5
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	405.5	405.5
B2D34C213	000908	PROP (ARROW) (B2D34C213-B/G-90D	405.5	405.5

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	Landing Lete inop	3340	1	R+R'd landing	3340	N	7/13	.3		SJR	
				light, OPS ✓ gd							
				[signature]							
				A+P 475848593							

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#: 1012400
Mech: JJV
Shop Code: W
Equip Code: A
Opened: 7/18/2001 14:45

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt)

Date closed: 7-18-01

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

N#: N288ND AcftType: ARRO Model: PA28R-201 Bill Meter: 498.4 A/F Tach: 241.9 Init _____

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	414.3	414.3
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	414.3	414.3
B2D34C213	000908	PROP (ARROW) (B2D34C213-B/G-90E	414.3	414.3

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	aircraft dirty	1220	1	washed and vac	1220	N	7-18	1.0		JJV	

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#: 1012402
Mech: TJS
Shop Code: F
Equip Code: A
Opened: 7/18/2001 15:04

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (optl)
Date closed: 7/19/01

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

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 498.4 A/F Tach: 241.9 Init TJS

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	414.3	414.3
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	414.3	414.3
B2D34C213	000908	PROP (ARROW) (B2D34C213-B/G-90E	414.3	414.3

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Phase 3 due	05/20	1	Complied with Phase 3 insp. Phase 4 due At 307.6	05/20	N	07/18	3.0		DMA	SB
							7/18	5.6		TJS	SB
							7/19	1.5		TJS	SB
2	AD 93-02-05 due DATED: 6/14/93	04/0	1	Complied w/ AD by visual Inspection. found #1 cyl Injector line too close to Case Halfe moved line.	04/0	N	7/18	.3		TJS	SB

I certify that this aircraft has been inspected in accordance with Phase 3 inspection, including, as applicable a routine inspection of Engine Prop Cabin Cockpit 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 Thomas J Schmidt
Date 07/19/01

INSPECTION SUPPLEMENT AND WORK ORDER Page 2 of 6

Reg#: (N) 289ND Work Order #: 101402

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	In
3	Left Cowling bushing	71/10	1	Removed + Replaced	71/10	N	7/18	.2		JMA	SB
	worn out.			Bushing w/new			7/18	.1		TJS	SB
4	Yokes are sticky	27/00	1	cleaned + lubed	27/00	N	7/18	.1		JMA	SB
				Yokes			7/18	.1		TJS	SB
5	Landing light Retainer	33/40	1	REMOVED AND THERMO	33/40	N	07/18	.2		JMA	SB
	Gasket is loose			CANOPY ~~GLASS~~ JMA LIGHT			7/18	.1		TJS	SB
				GASKET, RE-INSTALLED							
				GASKET.							

INSPECTION SUPPLEMENT AND WORK ORDER Page 3 of 10

Reg#: (N) 289NJ Work Order #: 102402

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Ins
6	oil fill tube is loose	79/10	1	tightened + Resafticed oil fill tube	79/10	N	7/18	.2		TJS	SB
7	manifold Pressure line loose at cylinder	77/10	1	tightened manifold Press line	77/10	N	7/18	.2		TJS	SB
8	Left wing out board Aileron Pulley is bad, → flat spot.	27/10	1	Remove + Replace Pulley w/ new.	27/10	N	7/18	.3		TJS	SB

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) 28 9ND

Work Order #: 1012402

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	In
9	Right outboard	27/10	1	Remove + Replace	27/10	N	7/18	.3		TJS	SB
	Aileron Pulley			Pulley w/new							
	Flatspotted										
10	Lower turn limit Placard	11/20	1	INSTALLED NEW	11/20	N	07/18	.2		JMA	SB
	missing			TURN LIMIT PLACARD			7/18	.1		TJS	SB
11	Nose wheel bearings	32/20	1	REMOVED AND REPLACED	32/20	N	07/18	.4		JMA	SB
	and Races are damaged			NOSE WHEEL BEARINGS			7/18	.1		TJS	SB
				AND RACES							

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) 289ND

Work Order #: 1012402

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
12	Fwd Inboard trunion	32/10	1	Removed nut.	32/10	N	7/18	.3		TJS	SB
	Attach bolt [redacted]			Removed 2 washers.							
	does not come			Installed 1 thin washer							
	through nut far enough			and nut. torqued to							
				110 IN/LBS. Applied							
				torque seal to bolt							
13	Inboard Aileron balance cable	27/10	1	Loosened bolt	27/10	N	7/18	.2		TJS	SB
	Pulley does not turn			OPS V Good							
14	Nose Gear upstop	32/20	1	Remove + Replace	32/20	N	7/18	.3		JMA	SB
	Bumper missing			Bumper w/new			7/10	.1		TJS	SB

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) 289ND

Work Order #: 1012402

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Ins
15	Inspectors Time	0560	1	INSP	0560	N	7/18	.5			EB
							7/19	.2			EB
				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 QC5R002N. Authorized Signature Date 7/19/04							

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#: 1012481
Mech: MAM
Shop Code: W
Equip Code: A
Opened: 7/21/2001 10:28

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opti)

Date closed: 7-21-01

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

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 509.7 A/F Tach: 250.6 Init MAM

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	423.0	423.0
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	423.0	423.0
B2D34C213	000908	PROP (ARROW) (B2D34C213-B/G-90C	423.0	423.0

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	Dirty A/C	1220	1	Cleaned, Washed & Vac A/C	1220	N	7-21	1.0		MAM	

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

WRO#: 1012701
Mech: PDH
Shop Code: F
Equip Code: A
Opened: 8/1/2001 18:41

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (Appli)
Date closed: 8-1-01

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

N#: N289ND (289ND) AcftType: ARRO Model: PA28R-201 Bill Meter: 522.9 A/F Tach: 261.0 Init: PDH

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	433.4	433.4
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	433.4	433.4
B2D34C213	000908	PROP (ARROW) (B2D34C213-B/G-90E	433.4	433.4

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	During mag chk the left mag showed a 400 RPM drop.	74 20	1	Cleaned #4 lower spark plug. Ran engine ops ck good	74 20	N	8/1	.5		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 OG6R092N.
Authorized Signature Brian T. Hall
Date 8-1-01

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#: 1012976
Mech: DHT
Shop Code: F
Equip Code: A
Opened: 8/17/2001 15:12

OBTAIN ALL INITIALS BEFORE FILING

R/A [initials]
Parts (optl) _____
Date closed: 8/17/01

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

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 576.2 A/F Tach: 304.4 Init DHT

Part# 289ND	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	476.8	476.8
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	476.8	476.8
B2D34C213	000908	PROP (ARROW) (B2D34C213-B/G-90D	476.8	476.8

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Phase 4 insp	05 20	1		05 20	N	8/17	6.0		DHT	[initials]
	Comp:						8/17	1.5		[initials]	[initials]
	1 78/80										
	2 76/80										
	3 75/80										
	4 75/80										

I certify that this aircraft has been inspected in accordance with # 4 inspection, including, as applicable, a routine inspection of Cabin fuselage empenage gear wings and detailed inspection of engine prop and was determined to be in airworthy condition, and is approved for return to service
Certified Repair Station OG5R092N
Authorized Signature [signature]
Date 8/17/01

Phase 1 due at 367.6

2	AD 93-02-05 due	04 00	1	C/w Ad by visual insp of lines and clamps. No defects noted	73 10	N	8/17	.3		DHT	[initials]
	Amendment date: 6/14/01			Next due at 374.4							

INSPECTION SUPPLEMENT AND WORK ORDER Page 2 of 3

Reg#: (N) 289ND Work Order #: 12976

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
3	RT wing insp panel behind gearwell missing screw	57 00	1	Installed screw	57 00	N	8/17	.1		JH	SB
4	Lft brake pads worn	32 40	1	R+Rd pads	32 40	N	8/17	.2		JH	SB
5	Throttle rod end worn	76 10	1	R+Rd rod end	76 10	N	8/17	.4		DHT	SB

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) 289ND

Work Order #: 12976

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Ins
6	Insp time	05/60	A	Insp time	05/60	N	8/17	1.5			68

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 Scott Baker

Date 8/17/01

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#: 1012961
Mech: SFB
Shop Code: F
Equip Code: A
Opened: 8/16/2001 14:40

OBTAIN ALL
INITIALS BEFORE FILING

R/A [initials]
Parts (opt) [initials]
Date closed: 8/16/01

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

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 576.2 A/F Tach: 304.4 Init SB

Part# 289ND	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	476.8	476.8
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	476.8	476.8
B2D34C213	000908	PROP (ARROW) (B2D34C213-B/G-90D	476.8	476.8

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Elec fuel pump	7310	1	R&R elec boost pump	7310	W	8/16	1.2		SB	
	C/B keeps popping			Ops & Leak ✓ good							
	P/N 8120G } OFF										
	S/N 89289 } OFF			[signature]							
	P/N 8120G } ON			A&P346561074IA							
	S/N 81389 } ON										

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

Work Order No. [redacted]

Date Issued: 03/21/2001 By: Diana K. Ste[redacted]

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

COMPLETED

Received Via	Purchase Order Number	Itm	Packing Slip/Shipping Authorization No.	Itm	Customer's Part Number	Manufacturer's Part Number	Serial Number
UPS Ground [X] Prepaid [ ] Collect	1002339	4			481-780		81389

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

Discrepancy or Reason for Return

Overhaul

Work Instructions

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

Special Work Instructions Not Outlined Above

Cust. paperwork says P/N 8120-G

Work Performed

Overhauled & tested in accordance w/ manual # J-800096 rev D (11/5/99)

Preliminary Inspection Record

No damage

Initial: PK
Date: 3/23/01

Hidden Damage Inspection Record

Blades worn.

Initial: PK
Date: 3/23/01

Functional Test Results

Voltage D.C.	Flow G.P.H.	Flow (P.P.H.)	Pressure (P&I)	Current (Amps)	Seal Leak
14VDC	60	360	14.0	3.75	0
	0		29.0	4.5	

Ran 1/4 hr. No leaks.

Certified Airworthy By	Certificate Number	Date	Master Technician	Technician	Date
[signature]	2366781	4-3-01		[signature]	4/3/01

1100 - 09/97

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#: 1012970
Mech: WEL
Shop Code: W
Equip Code: A
Opened: 8/17/2001 8:56

OBTAIN ALL INITIALS BEFORE FILING

R/A SP
Parts (optl) SM

SP

Date closed: 8/17/01

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

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 576.2 A/F Tach: 304.4 Init WEL

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	476.8	476.8
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	476.8	476.8
B2D34C213	000908	PROP (ARROW) (B2D34C213-B/G-90E	476.8	476.8

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Dirty Aircraft	1220	1	Cleaned + vac'd Aircraft	1220	N	8/17	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

WO#: 1013168
Mech: SJC
Shop Code: F
Equip Code: A
Opened: 8/30/2001 7:41

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt'l) N

Date closed: 8/30/2001

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

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 597.2 A/F Tach: 321.6 Init

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	494.0	494.0
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	494.0	494.0
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	494.0	494.0

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	Mag compass error	3440	1	swung compass - radio on - all other electrical off	3440	N	8/30	.5		SJC	
2	Landing light inop (MEL)	3340	1	replaced lamp, opn chkd O.K.	3340	N	8/30	.2		SJC	

Sgt. Capt
A&P 502767224

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#: 1013318
Mech: JDR
Shop Code: F
Equip Code: A
Opened: 9/5/2001 17:52

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt) N/A
Date closed: 9/5/2001

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

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 621.9 A/F Tach: 340.5 Init JDR

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	512.9	512.9
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	512.9	512.9
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	512.9	512.9

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	Forward nose gear drag brace nut requires replacement.	32 20	1	Replaced nut with MS17825-5 castellated self locking nut. Reattached with new cotter pin.	32 20	N	9/5	.3		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
Date 9/5/2001

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#: 1013379
Mech: JEB
Shop Code: F
Equip Code: A
Opened: 9/7/2001 16:45

OBTAIN ALL INITIALS BEFORE FILING

R/A [initials]
Parts (optl) SM
Date closed: 9-7-01

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

N#: N289ND (289ND) AcftType: ARRO Model: PA28R-201 Bill Meter: 627.6 A/F Tach: 344.3 Init JEB

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	516.7	516.7
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	516.7	516.7
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	516.7	516.7

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	Oil leak on 4H side of cowling + air filter cover improperly installed	79 00	1	Cleaned oil + installed filter cover ~~to~~ properly. (oil was from filter)	79 00	N	9 7	.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 [signature]
Date 9-7-01

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#: 1013580
Mech: RLH
Shop Code: W
Equip Code: A
Opened: 9/19/2001 13:25

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt) SM

Date closed: 9-19-01

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

N#: N299ND AcftType: ARRO Model: PA28R-201 Bill Meter: 645.9 A/F Tach: 357.9 Init RLH

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	530.3	530.3
IO-360-C1C6	L2938851A	ENGINE (ARROW)(APPL# 9325)	530.3	530.3
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	530.3	530.3

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	N	9-19	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#: 1013584
Mech: SFB
Shop Code: F
Equip Code: A
Opened: 9/19/2001 15:01

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt'l)
Date closed: 9/19/01

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

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 645.9 A/F Tach: 357.9 Init SB

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	530.3	530.3
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	530.3	530.3
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	530.3	530.3

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Phase I insp due	0520			0520	N	9/19	6.0		SB	
				I certify that this aircraft has been inspected in accordance with Phase I inspection, including, as applicable a routine inspection of Wings, landing Gear, Engine, Propellers and detailed inspection of Cabin, Fuselage, Empennage and was determined to be in airworthy condition, and is approved for return to service Certified Repair Station OG5R092N Authorized Signature Date 9/19/01	N	9/19	2.0		MA	
				Next due: Ph 2 @ 427.6 Tach							
2	AD 93-02-05 inj lines due. Rev date 6/14/93	0400	1	Completed by visual insp, no defects noted at this time. Next due @ 437.6 Tach time	7310	N	9/19	.3		SB	
3	Inst filters due T/C	0510	1	R&R inst & relief filters Next due @ 857.9 Tach	3710	N	9/19	.7		SB	
4	Induction air filter due T/C	0510	1	Removed & replaced filter Next due @ 557.9 T.T	7100	N	9/19	.2		MA	

INSPECTION SUPPLEMENT AND WORK ORDER Page 2 of 6

Reg#: (N) 789ND Work Order #: 1013584

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	I
5	Night day switch has burnt Bulb top of Switch	3320	1	R&R Lamp, Ops ✓ good	3320	N	9/19	.1		SB	
6	Eng Idle is at 800 RPM	7320	1	Adjusted stop screw RPM @ 650, mixture OK	7320	N	9/19	.2		SB	
7	Nose strut low	3220	1	Serviced w/ N_2 to Piper specs	1210	N	9/19	.3		SB	
8	Lt & Rt cowl pin bushings worn	71.10	1	Removed + Replaced Cowl Pin Bushings	71.10	N	9/19	.2		MA	

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) 289 ND

Work Order #: 1013584

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	I
9	Rt tire pres low	3240	1	Serviced w/air to Piper specs	1210	N	9/19	.1		EB	
10	Prop nicked	6100	1	Fld Prop as Req.	6100	N	9/19	.3		MA	
11	Prop gov rod end worn	6120	1	Removed + Replaced Rod End	6120	N	9/19	.2		MA	
12	Air filter box missing service instructions	1120	1	Installed copy of Brackett BA-105 Decal using tape	1120	N	9/19	.1		MA	

INSPECTION SUPPLEMENT AND WORK ORDER Page 4 of 6

Reg#: (N) 289ND Work Order #: 1013584

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	In
13	#3 aft baffle cracked	72 30	1	Removed and Replaced #3 aft Baffle	72 30	N	9/19	.8		MM	
14	N/L/G up stop pad damaged	3230	1	R&R stop assy w/new; ✓ adjustment on retraction. ✓ good	3230	N	9/19	.5		SB	
15	Rt M/L/G actuator appears to be leaking @ B-Nut	3230	1	Tightened B Nut, leak ✓ good	3230	N	9/19	.2		SB	

INSPECTION SUPPLEMENT AND WORK ORDER Page 5 of 6

Reg#: (N) 782 ND Work Order #: 10135584

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Ins
16	Rt M/L/G brake pads worn	3240	1	R&R linings w/ new	3240	N	9/19	.3		SB	
17	Evidence of hyd leak @ down pressure line T fitting under rear seat	3230	1	Tightened fitting, leak check good	3230	N	9/19	.2		SB	
18	Lt & Rt seat adjust cables do not allow sufficient lock pin travel	2510	1	Adjusted cable length	2510	N	9/19	.3		SB	

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) 289ND

Work Order #: 101358J

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Ins
19	Inspector's time	0560	1	Insp	0560	N	9/19	1.5			
				I certify the aircraft airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration with respect to the work performed and found to be airworthy and is approved for return to service. Certified Repair Station OG5X092N. Authorized Signature [signature] Date 9/19/01							

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#: 1013676
Mech: BTM
Shop Code: F
Equip Code: A
Opened: 9/24/2001 20:33

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt'l)

Date closed: 9-24-01

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

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 659.2 A/F Tach: 367.6 Init

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	540.0	540.0
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	540.0	540.0
B2D34C213	000909	PROP (B2D34C213-B/G-90DHA16) ARI	540.0	540.0

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	oil leak from bottom of eng.	7900	1	smashed engine and ran up. no oil leaks noted at this time. Brian Shultz AP3235287 DSIA.	7900	N	9/24	.5			

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#: 1013845
Mech: PDH
Shop Code: F
Equip Code: A
Opened: 9/28/2001 18:36

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt'l)
Date closed: 9/28/01

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

N#: N289ND Acft Type: ARRO Model: PA28R-201 Bill Meter: 682.1 A/F Tach: 385.2 Init:

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	557.6	557.6
IO-360-C1C6	L2938851A	ENGINE (ARROW)(APPL# 9325)	557.6	557.6
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA18) ARI	557.6	557.6

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	The hydraulic actuator on right side is leaking.	32 30	1	Replaced with new actuator. Cycled gear several times to work out air. Serviced reservoir. Ops / leaks good	32 30	W	9/28	1.0		PDH	

I certify the aircraft airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration with respect to the work performed and found to be airworthy and is approved for return to service.
Certified Repair Station OG5R092N
Authorized Signature
Date 9-28-01

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#: 1014040
Mech: SFB
Shop Code: F
Equip Code: A
Opened: 10/3/2001 18:02

OBTAIN ALL
INITIALS BEFORE FILING

R/A [initials]
Parts (optl) DZE
Date closed: 10/03/01

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

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 713.6 A/F Tach: 409.5 Init [initials]

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	581.9	581.9
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	581.9	581.9
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	581.9	581.9

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Landing lite inop	3340	1	R&R lamp, Ops ✓ good	3340	N	10/03	.3		SB	
				Scott F Balu							
				A&P 346561074 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# 1014204
Mech SJR
Shop Code F
Equip Code A
Opened: 10/9/2001 7:12

OBTAIN ALL INITIALS BEFORE FILING

R/A [signature]
Parts (opt) SML
Date closed: 10/9/01

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

N# N289ND AcftType: ARRO Model: PA28R-201 Bill Meter 744.1 A/T Tach: 432.4 Init SMR

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	604.8	604.8
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	604.8	604.8
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	604.8	604.8

PO	Problem / Discrepancy (PO)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1.	Phase 2 Insp due	0520	1	Phase 3 Next due @	0520	N	10/9	5.0		SMR	JEB
	Compressions			487.6		N	10/9	2.5		[illegible]	JEB
	#1 76/80										
	#2 73/80										
	#3 72/80										
	#4 77/80										
2.	AD 93-02-05	0400	1	Inspected Injection	7310	N	10/9	.3		SMR	JEB
	Injection LINES			Lines No defects Noted							
	Amend date 6/14/93			Next due @ 497.6							
3.	Left MAG due Time	7410	1	RTR'd MAG Internally	7410	T	10/9	.6		SMR	JEB
	Change			Timed and Timed to Eng							
	P/N 4372 S/N 00080831			P/N 4372 S/N 99022218							
				Next due @ 1032.4							

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 10/9/01

INSPECTION SUPPLEMENT AND WORK ORDER

Page 2

Reg#: (N) 289NO

Work Order #: 14304

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	
4.	Cowl bushings loose	7110	1	R+R'd Cowl bushings	7110	N	10/9	.2		SMC	JEB
5.	Left mag "P" lead	7430	1.	Installed Heat shrink	7430	W	10/9	.3		SMC	JEB
	wire chafed through			on chafed area							
	Shielding										

INSPECTION SUPPLEMENT AND WORK ORDER

Page 3

Reg#: (N) 289ND

Work Order #: 14204

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	
6	ALL SPARK PLUGS WORN PAST LIMITS	7420	1	R&R'd Spark Plugs	7420	N	10/9	.3		AV	JEB
7	Strobe boot missing on positive lead	8000	1	Installed boot	8000	N	10/9	.2		SM	JEB
8.	Insp Item	0560	1	Insp.	0560	N	10/9	1.0			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 OG5R052N

Authorized Signature Jennifer Petersen

Date 10-9-01

INSPECTION SUPPLEMENT AND WORK ORDER

School
ences
th Dakota
ersity Station
ND 58202-9007

WKO#: 1006832
Mech: DFT
Shop Code: X
Equip Code: I
Opened: 10/20/2000 7:13

OBTAIN ALL INITIALS BEFORE FILING

R/A _____
Parts (opt'l) _____
Date closed: 10-24-00

DESCRIPTION

UND Acc#: 0700-8261-801 Preliminary Insp 14 Insp In Progress Insp 14 Insp

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

D	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	Dogs DO NOT	74/10	1	Reassembled	74/10	N	10/24	.5		DFT	14 Insp
	Clutch on			Impulse coupling							
	Impulse			Operational							
				Bench tested.							
	P/N 4372R			OPS checked OK							
	S/N 99022218										
	total time 595.8										

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 OG5R633N.

Authorized Signature 14 Insp

Date 10-24-00

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#: 1014318
Mech: JDR
Shop Code: F
Equip Code: A
Opened: 10/11/2001 14:59

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt'l)
Date closed: 10/11/2001

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

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 754.0 A/F Tach: 439.9 Init

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	612.3	612.3
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	612.3	612.3
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	612.3	612.3

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	When I pulled into parking on Bravo Gear unsafe went off and nose gear light went off.	32 20	1	Replaced damaged nose gear down lock switch clip. Adjusted according to maintenance manual. Operation checked good.	32 20	N	10/11	1.5		JDR	
2	Right forward cowl latch broken.	71 10	1	Replaced cowl latch assembly	71 10	N	10/11	.5		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 QC5R902N
Authorized Signature
Date 10 Oct 2001

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#: 1014390
Mech: SJC
Shop Code: F
Equip Code: A
Opened: 10/14/2001 11:55

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt) Date closed: 10/14/2001

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

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 763.9 A/F Tach: 447.4 Init

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	619.8	619.8
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	619.8	619.8
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	619.8	619.8

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	large quantity of oil under fuselage	7900	1	cleaned engine ran, for 30 minutes - no leakage found	7900	N	10/14	1.0		SA	

IA# 2267224

INSPECTION SUPPLEMENT AND WORK ORDER

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

WKO#: 1014595
Mech: DHT
Shop Code: F
Equip Code: A
Opened: 10/22/2001 11:49

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opti) SM

Date closed: 10/22/01

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

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 797.3 A/F Tach: 473.1 Init DHT

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	645.5	645.5
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	645.5	645.5
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	645.5	645.5

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Nose gear needs insp.	32 20	1	Inspected nose gear for Correct Cotter pin installation and security of shimmy dampner. No discrepencies noted	32 20	N	10/22	.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 OG5R092N.
Authorized Signature
Date 10/22/01

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#: 1014682
Mech: CEC
Shop Code: F
Equip Code: A
Opened: 10/28/2001 10:34

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt'l)

Date closed: 10/28/01

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

N# N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 808.0 A/F Tach: 480.0 Init PDH

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	652.4	652.4
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	652.4	652.4
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	652.4	652.4

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	front right cowl latch broken	71/10	1	Replaced with new latch	71/10	N	10/28	.5		PDH	PDH
				A&P 468968077							

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

WKO#: 1014691
Mech: JDL
Shop Code: F
Equip Code: A
Opened: 10/29/2001 8:59

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt'l)

Date closed: 10-29-01

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

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 810.4 A/F Tach: 483.5 Init

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	655.9	655.9
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	655.9	655.9
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	655.9	655.9

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Phase 3 Insp. Due	05 20	1	Phase 3 Insp. Complete, Next Phase 4 Insp. Due 547.6	05 20	N	10/29	4.5			
						N	10/29	20		DRE	
2	AD 93-02-05 Injection Lines Effective Date 6-14-93	04 00	1	Insp. Injection Lines, No Defects found at this time, Next Due	04 00	N	10/29	.3			
					557.6						

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 10-29-01

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) N284NV Work Order #: 1014691

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Inc
3	Induction Air Filter	71 00	1	R&R Induction	71 60	N	10/29	.2			
	is Dirty			Air Filter, Next Pre							
				683.5							
4	Brake Fluid Reservoir	32 00	1	Filed Reservoir to correct	12 10	N	10/29	.2		DRE	
	is Low of Fluid			level		N	10/29	.1			
5	Nose Tire is worn	32 40	1	Removed & Replaced Nose	32 40	N	10/29	.4		DRE	
	Past Limits			Tire		N	10/29	.1			
6	Cotter Pin is Broke on	27 00	1	R&R Cotter Pin			10/29	.2			
	Co-Pilots right brake master			on Co-Pilots Right Brake							

Cylinder Attachment

Master Cylinder Attachment

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) N289ND

Work Order #: 1014691

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	IA
7	Prop has Nicks	61 00	1	Filed Prop Smooth	61 00	N	10/24	.3		DRE	
						N	10/24	.1			
6	Both Control Yokes	77 30	1	Lubed Both	77 30	N	10/24	.1			
	are sticky			Control Yokes							
9	Oil Fill Door Doubler	71 10	1	R+R Oil Fill	71 10	W	10/24	.3			
	on Top Cowling is cracked			Door Doubler							

INSPECTION SUPPLEMENT AND WORK ORDER Page 4 of 6

Reg#: (N) N289ND Work Order #: 101491

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	In
10	R/H Aileron Outboard	27 30	1	Replaced Pulley with	27 30	N	9/29	.4		DRE	
	Pulley is flat spotted			new one			10/29	.1			

INSPECTION SUPPLEMENT AND WORK ORDER Page 5 of 6

Reg#: (N) N289NR Work Order #: 10146 91

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	IN
11	Screw Loose on	71 10	1	R+R Screw on	71 10	N	10/29	.1			
	Bottom Cowling			Bottom Cowling							
12	Left Aileron	27 10	1	R+R Left Aileron	27 10	N	10/29	.7			
	Rod End is worn			Rod End on Bellcrank							
				side, and safetied							
				with cotter Pin							
13	Battery Cover Cracked	24 00	1	R+R Battery Box	24 00	W	10/29	.5		DRE	
				Cover Assembly		N	10/29	.1			

INSPECTION SUPPLEMENT AND WORK ORDER Page 6 of 6

Reg#: (N) N289ND Work Order #: 1014691

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	IA
14	Inspectors Time	05 60	1	Time	05 60	N	10/29	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 [signature]							
				Date 10-29-01							

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# 1014892
Mech: SFB
Shop Code: F
Equip Code: A
Opened: 11/5/2001 22:01

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opti)

Date closed: 11/05/01

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

N#: N288ND AcftType: ARRO Model: PA28R-201 Bill Meter: 843.0 A/F Tach: 508.7 Init SB

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	681.1	681.1
IO-360-C1C6	L2938851A	ENGINE (ARROW)(APPL# 9325)	681.1	681.1
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	681.1	681.1

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	Quadrant cover broken	7600	1	R&R cover w/ rebuilt	7600	N	11/05	.5		SB	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 OG6R092N.
Authorized Signature Scott Baker
Date 11/05/01

DESCRIPTION OF WORK PERFORMED:

INSPECTION SUPPLEMENTAL

WKO#: 1003728
Mech: DHT
Shop Code: F
Equip Code: I
Opened: 5/15/2000 7:34

OBTAIN ALL INITIALS BEFORE FILING

R/A _____
Parts (opti) _____
Date closed: 5/15/00

...ation
...8202-9007

Acct#: 0700-8261-801

Preliminary Insp UNID CAS 4 INSP
In Progress Insp UNID CAS 4 INSP

AcftType:

Bill Meter:
A/F Tach:
Init _____

D	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	# Quadrant Covers needs repair (arrow)	25 00	1	Installed new plates and placards	25 00	N	5.6	DHT			UNID CAS 4 INSP
2	Quadrant Cover needs repair (cadet)	25 00	1	Installed new plate and placard	25 00	N	.6	DHT			UNID CAS 4 INSP

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 UNID CAS 4 INSP
Date 5/15/00

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#: 1014922
Mech: SFB
Shop Code: F
Equip Code: A
Opened: 11/6/2001 16:42

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (optl)

Date closed: 11/06/01

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

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 847.5 A/F Tach: 512.2 Init

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	684.6	684.6
IO-360-C1C6	L2938851A	ENGINE (ARROW)(APPL# 9325)	684.6	684.6
B2D34C213	000908	PROP (B2D34C213-B/G-80DHA16) ARI	684.6	684.6

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	Landing lite inop	3340	1	R&R lamp, Ops ✓good	3340	N	11/06	.5		SB	
				Scott F Baker A&P 3465610 74 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#: 1015072
Mech: SJR
Shop Code: F
Equip Code: A
Opened: 11/13/2001 7:15

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (optl) SM
Date closed: 11/13/01

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

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 880.3 A/F Tach: 538.0 Init SMR

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	710.4	710.4
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	710.4	710.4
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	710.4	710.4

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1.	Ammeter fluctuating on runup, when the lights were turned on, total electrical failure shut everything off. Then turned back on when throttle was brought back to idle everything dimmed and almost died again	24/30	1.	Pan A/C could not duplicate problem. Ammeter fluctuates due to Strobes being on. Alt puts out proper Amount of Volts	24/30	N	11/13	.5		SMR	

I certify the aircraft airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration with respect to the work performed and found to be airworthy and is approved for return to service.
Certified Repair Station OG5R092N
Authorized Signature
Date 11/13/01

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, NC 58202-9007

WKO# 101819*
Mech: BSS
Shop Code: A
Equip Code: A
Opened: 11/16/2001 9:01

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt) sml
Date closed: 11/16/01

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

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 889.8 A/F Tach: 644.8 Init: BSS

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	717.2	717.2
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	717.2	717.2
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	717.2	717.2

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	#1 Nav/Com	23/10	1	R+R #1 unit.	23/10	N	11/16	0.5		BSS	
	went blank.			Ops check good.	23/10	N	11/16	.1		KHP	

Old
KX-155A-0101
S/N 17868

New
KX-155A-0101
S/N X12429

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

Authorized Signature
Date 11-16-01

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# 1015224
Mech: DFT
Shop Code: F
Equip Code: A
Opened: 11/17/2001 10:31

OBTAIN ALL INITIALS BEFORE FILING

R/A [initials] Parts (opt) sml. Date closed: 11-17-01

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

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 894.3 A/F Tach: 549.0 Init DFT

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	720.4	720.4
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	720.4	720.4
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	720.4	720.4

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Oil Pressure High	79/30	1	Ground Run A/C Oil Pressure STAYed in The Green OPS checked OK	79/30	N	11/18	.5		DFT	

[signature]
A&P 3019492

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

WO# 1010248 Mech: AJR Insp: Clear: A Operator: 11/19/2001 8:05

OG14JN_A1
METALS DEPOT, PLANT2

N/A sml. 11/19/01

Customer: UND Accnt: 1245-0575-471 Preliminary insp JEB Inprogress insp JEB

N#: N2940Q Aircft type: AP60 Model: PA28R-201 Bill Meter: 899.8 A/F Tach: 852.2 Insp SJR

Parts	Serial#	Description	TSO	Date Time
PA28R-201	2844059	AIRFRAME (AP60Qvv)	724.6	724.6
IO-360-C1C6	L-2036-16	ENGINE (AP60QVV) (APPLIED)	724.6	724.6
82D34C214	D9690H	PROP (82D34C214-8/G-90DHA16) A/P	724.6	724.6

P/E	Problem / Discrepancy	ATA	ACC	Date	Hrs	Sft	Mech	Insp
1.	Phase 4 Insp due 0520 / Phase 1 Next due @ 0520		N	11/19	6.5		SJR	JEB
	Compressions 607.6							
	#1 74/80							
	#2 74/80							
	#3 74/80							
	#4 75/80							

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 OG5R093N

Authorized Signature [signature]

Date 11/19/01

2.	AD 93-02-05 Injection Lines Amend date 6/14/93	0400	/	Inspected Injection Lines No defects Noted / Next due @ 617.6	7310	N	11/19	.3	SJR JEB
3.	Cowl Bushings worn	7110	/	Removed AND Replaced Both Cowl Bushings	7110	N	11/19	.2	SJR JEB

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) 289ND

Work Order #: 15245

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
4.	Prop Nicked	6100	1	Dressed Prop	6100	N	11/19	.2		JMR	JEB
5.	Nose Gear Scissor	3330	1	Removed damaged Cotter	3330	N	11/19	.1		JMR	JEB
	Link has damaged			Pin tightened Nut							
	Cotter Pin and Bolt			one Castleation and							
	and nut to Loose			Installed New Cotter Pin	Bolt	5/11	turn freely				
6	Control Column	2730	1	Cleaned and Lubed	2730	N	11/19	.1		JMR	JEB
	Stiff			Control Column							

INSPECTION SUPPLEMENT AND WORK ORDER

Reg#: (N) 289ND

Work Order #: 15245

PD	Problem Description (PD)	GAMA	CA	Corrective Action (CA)	GAMA	ACC	Date	Hrs	OT	Mech	Insp
7	Inspection Time	0560	1	Insp.	0560	N	11/19	1.0			JFB

I certify the aircraft airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration with respect to the work performed and found to be airworthy and is approved for return to service.
Certified Repair Station OG5R092N.
Authorized Signature
Date 11/19/01

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#: 1015391
Mech: JDR
Shop Code: F
Equip Code: A
Opened: 11/26/2001 22:10

OBTAIN ALL
INITIALS BEFORE FILING

R/A
Parts (opt) SM
Date closed: 11/26/2001

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

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 918.0 A/F Tach: 566.5 Init

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	738.9	738.9
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	738.9	738.9
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	738.9	738.9

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	OT	Mech	Insp
1	Oil cooler winter cover needs to be installed	71/70	1	Installed winter cover	71/70	N	11/26	.3		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 OC5R692N
Authorized Signature
Date 11/26/2001

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#: 1015686
Mech: BTM
Shop Code: F
Equip Code: A
Opened: 12/10/2001 18:17

OBTAIN ALL
INITIALS BEFORE FILING

R/A
Parts (opt) N
Date closed: 12-10-01

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

N#: N289ND AcftType: ARRO Model: PA28R-201 Bill Meter: 955.7 A/F Tach: 594.9 Init

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	767.3	767.3
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	767.3	767.3
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	767.3	767.3

PD	Problem / Discrepancy (PD)	ATA	CA	Corrective Action (CA)	ATA	ACC	Date	Hrs	DT	Mech	Insp
1	Landing light insp	3340	1	replaced light ops V OK [signature] AP 3325 26 TH IA	3340	4	12/10	.5		[signature]	[signature]

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#: 1015805
Mech: RLH
Shop Code: W
Equip Code: A
Opened: 12/14/2001 13:20

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt): sml

Date closed: 12-14-01

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

N#: N289ND Acft Type: ARRO Model: PA28R-201 Bill Meter: 960.8 A/F Tach: 598.6 Init: RLH

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	771.0	771.0
IO-360-C1C6	L2936651A	ENGINE (ARROW)(APPL# 9525)	771.0	771.0
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA10) ARI	771.0	771.0

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	K	12-14	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#: 1015805
Mech: RLH
Shop Code: W
Equip Code: A
Opened: 12/14/2001 13:20

OBTAIN ALL INITIALS BEFORE FILING

R/A
Parts (opt'l) sml
Date closed: 12-14-01

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

N#: N289ND Acft Type: ARRO Model: PA28R-201 Bill Meter: 960.9 A/F Tach: 598.6 Init: RLH

Part#	Serial#	Description	TSO	Total Time
PA28R-201	2844039	AIRFRAME (ARROW)	771.0	771.0
IO-360-C1C6	L2936851A	ENGINE (ARROW)(APPL# 9325)	771.0	771.0
B2D34C213	000908	PROP (B2D34C213-B/G-90DHA16) ARI	771.0	771.0

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	M	12-14	1.0		RLH	