

The Standard Aircraft Log
SA-2

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ASA-SA-2

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Aircraft Record General Information

Manufacturer Beechcraft Model A-36 Bonanza
Serial _____ Registration Number N9410Q
Date of Manufacture _____

Engine(s) currently installed:

Manufacturer _____ Model _____ Serial _____
Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer _____ Model _____
HUB Model _____ Serial _____ Serial _____
Blade Model _____ Serial _____ Serial _____
Blade Model _____ Serial _____ Serial _____

12/20/2017 Tach. 152.5, Total Time 7486.4

N9410Q Airframe Log Entry

- Performed 100 Hour/Annual inspection I/A/W FAR 43 App. D. All work was performed I/A/W current Beech A36 Maintenance Manual.
- Removed ELT, inspected and tested I/A/W FAR 91.207 (d). Replaced batteries W/New (8 each) Duracell M/N 1300. Reinstalled and re-test was good. Next battery replacement due Dec. 2025.
- Checked ADs through ATP revision dated 12/21/2017. See aircraft records for AD listings.
- C/W AD 76-07-12 by operational test of Bendix Ignition Switch, next due 252.5 Tach.
- C/W AD 84-26-02 by replacing engine paper air filter W/New P/N P10-5304. Next replacement is due at 652.5 Tach.
- Replaced all instrument air and regulator filters W/New(1 each) P/Ns AA2J4-7, AAD9-14-5 and ARB3-5-1.
- Replaced main aircraft battery W/New Concorde P/N RG35AXC, S/N 40652428.
- Replaced pilot vent window seal W/New P/N SP-FT1410.
- Removed shimmy damper, serviced W/MIL-H-5606 fluid, leak checked and reinstalled.
- Replaced pilot and co-pilot Rosen sun visor lenses W/New (2 each) Rosen P/N R1160401-002.
- Replaced nose gear steering, idler arm bushing W/New P/N A-779. Reinstalled arm and safetied.
- Replaced emergency firewall air control cable assembly W/New P/N 169-380005-11. Operational check was good.
- Replaced flex ducting between engine throttle body and inlet air filter box W/New P/N BE106-2.
- Removed dual style control yoke assembly and installed serviceable, original style, single control yoke per owners request. Operational check was good.
- I certify that this Aircraft was inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.

David Westphal A&P [redacted] IA

5/31/2018 Tach. 182.4, Total Time 7516.3

N9410Q Airframe Log Entry

- Removed vertical stabilizer due to contact with hanger door. Repairs were performed by Mountain Airframe LLC, see FAA Form 337 dated May 30 2018 signed by Charles W. McKenney.
- Reinstalled repaired vertical stabilator I/A/W current Beech A36 Maintenance Manual W/New vertical stabilator cap P/N 3336BCN-18D and LED beacon Whelen P/N 01-0790520-51, S/N 01034. Operational check of beacon was good. Flight testing will be performed by owner.

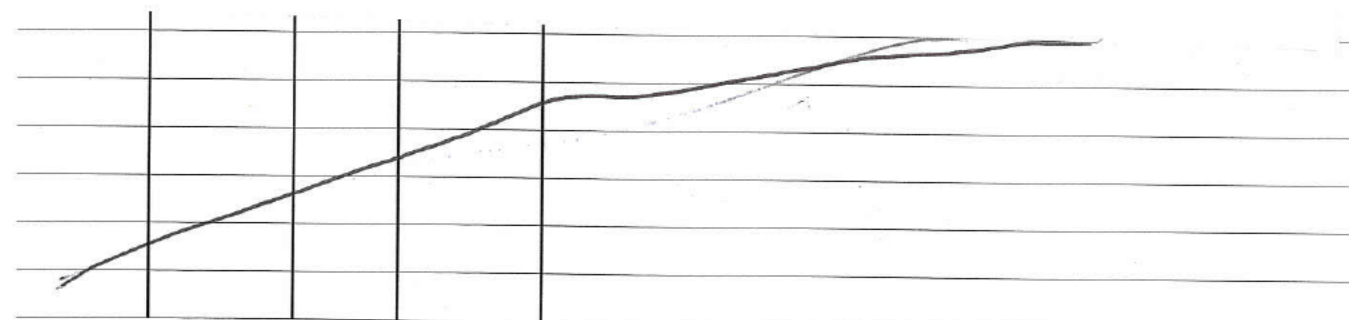
Manuel Burgos A&P [redacted]

9/10/2018 Tach. 267.2, Total Time 7601.1

N9410Q Airframe Log Entry

- Replaced nose tire and tube W/New Condor 5.00X5 6Ply Tire P/N 072-312-0, S/N 7196S00161 and Michelin Tube P/N 092-308-0. Replaced 1 nose wheel bearing and race W/New (1 each) P/N 08125-20629 Bearing and 08231-20629 Race. Torqued wheel bolts to 90 Inch LBS, serviced to 40 PSI, leak checked and reinstalled to aircraft.
- Replaced left navigation lamp W/New P/N WL-A-7512-12, operational check was good.

Jonathan Taylor Moore A&P [redacted]



Y
2/
D

10/5/2018 Tach. 302.6, Total Time 7636.5

N9410Q Airframe Log Entry

- Replaced pilot microphone and headphone jacks W/New. Operational check was good.
- Removed glareshield and old adhesive from flood rope light. Cleaned paint from glareshield in contact area. Reattached flood rope light using RTV 108 Adhesive. Operational check was good.
- Replaced broken power wire ring terminal at landing light W/New and operational checked.
- Replaced in-op post lamp on instrument panel W/New P/N GE327 and pitch trim indicator flood lamp W/New P/N GE1816. Operational check was good.

David Westphal A&P 4

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Buckland Aviation, LLC

802 Airport Rd. Hangar 5 Springdale, AR 72764

REGISTRATION: N9410Q

AFTT: 7706.7

DATE: 21-DEC-2018

MODEL: A36

TACH: 372.8, HOBBS 383.1 (EDM)

S.N.: E-286

- PERFORMED ANNUAL INSPECTION
- CHECKED ELT PER 91.207d, NO DEFECTS NOTED. ELT BATTERY DUE DEC-2025.
- DRAINED ENGINE OIL AND REMOVED OIL FILTER, CUT FILTER OPEN TO INSPECT FOR ABNORMALITIES, NONE FOUND.
- INSTALLED NEW OIL FILTER, P/N AA48109-2 AND SERVICED ENGINE WITH 12qts. AEROSHELL W80 PLUS
- REMOVED, CLEANED, TESTED, & INSPECTED ALL SPARK PLUGS. REINSTALLED PLUG USING NEW M-674 GASKETS
- PERFORMED COMPRESSION TEST, RESULTS: #1) 74/80 #2) 72/80 #3) 68/80 #4) 74/80 #5) 68/0 #6) 70/80
- REPLACED VACUUM SOURCE FILTERS, P/N D9-14-5 & AA2J4-7
- REPLACED VACUUM REGULATOR FILTER, P/N B3-5-1
- REPLACE O-RING, P/M MS28775-222 IN L/S BRAKE CALIPER, BLEED BRAKE SYSTEM AND SERVICED WITH FLUID
- REPLACED R/S NOSE WHEEL BEARING, P/N 08125-20629, AND RACE, P/N 08231-20629
- REPLACED L/S O/B MAIN WHEEL BEARING, P/N 13889-20629, AND RACE, P/N 13836-20629
- REPLACED ALL BRAKE LININGS WITH NEW, P/N 066-10500
- C/W A.D. 76-07-12 (IGNITION SWITCH INSPECTION), INSPECTED PER A.D. NO DEFECTS NOTED NEXT DUE 472.8 HOBBS
- C/W A.D. 95-04-03 (WING CARRY THRU SPAR INSPECTION), INSPECTED PER A.D. NO FAULTS FOUND, NEXT DUE 8206.7 AFTT
- ADS CHECKED THRU 21-DEC-2018

I CERTIFY THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH FAR PART 43 APPENDIX (D) ANNUAL INSPECTION REQUIREMENTS AND WAS FOUND TO BE IN AIRWORTHY CONDITION AT THIS DATE

DUSTIN E. THOMPSON

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
Buckland Aviation, LLC 802 Airport Rd. Hangar 5 Springdale, AR 72764				
REGISTRATION: N9410Q		AFTT: 7888.9	DATE: 27-DEC-2019	
MODEL: A36		TACH: 555.0, HOBBS 569.9 (EDM)	S.N.: E-286	
- PERFORMED ANNUAL INSPECTION - CHECKED ELT PER 91.207d, NO DEFECTS NOTED. ELT BATTERY DUE DEC-2025. - DRAINED ENGINE OIL AND REMOVED OIL FILTER, CUT FILTER OPEN TO INSPECT FOR ABNORMALITIES, NONE FOUND. - INSTALLED NEW OIL FILTER, P/N AA48109 AND SERVICED ENGINE WITH 12qts. AEROSHELL 15W50 OIL. - REMOVED, CLEANED, TESTED, & INSPECTED ALL SPARK PLUGS. REINSTALLED PLUG USING NEW M-674 GASKETS - PERFORMED COMPRESSION TEST, RESULTS: #1) 68/80 #2) 66/80 #3) 59/80 #4) 64/80 #5) 61/80 #6) 68/80 - REPLACED VACUUM SOURCE FILTERS, P/N D9-14-5 & AA2J4-7 - REPLACED VACUUM REGULATOR FILTER, P/N B3-5-1 - REPLACED PROP. SEAL P/N SA641250 - REPLACED PROP. GOV. HIME JOINT P/N HF-4M - REPLACED BOTH MAIN GEAR BRAKE DISCS WITH NEW APS164-02504 - C/W A.D. 76-07-12 (IGNITION SWITCH INSPECTION), INSPECTED PER A.D. NO DEFECTS NOTED NEXT DUE 669.9 HOBBS - C/W A.D. 19-23-10 (RIGHT AILERON FLIGHT CONTROL TERMINAL FITTINGS INTEGRITY), INSPECTED PER A.D., NO DEFECTS NOTED. - A.D.'S CHECKED THRU 27-DEC-2019				
I CERTIFY THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH FAR PART 43 APPENDIX (D) ANNUAL INSPECTION REQUIREMENTS AND WAS FOUND TO BE IN AIRWORTHY CONDITION AT THIS DATE				
DUSTIN E. THOMPSON				

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
Summit Aviation LLC 2440 SW Aviation St. Bentonville, AR 72712				
3/27/2019 Tach. 462.7				N9410Q Airframe Log Entry
Replaced tail navigation lamp W/New P/N GE1777 and repaired broken landing light ground wire by replacing this wire and connectors W/New. All exterior light checks were good.				
Nate Hinton A&P				
03/27/2020 - N9410Q S/N E-286 A36 Tach Time 1525 - Installed FTA-002-1 Air conditioning System in accordance with STC SA00257B0 and the Installation Instructions FTA-010-1. Performed Functional check per FTA-010-9. An approved Flight Manual Supplement, FTA-010-4 dated 04/25/2012, and ICA Manual, FTA-010-3, was placed into the aircraft records. FAA Form 337 filed with the FAA. Details on file with this facility.				
Installed two (2) G15 USB Database and Charging Hub in accordance with Installation Manual, 190-00303-A3 REV 2/TSO-C71. Standard Vertical, P/N 010-02201-10 S/N 63M053949, and Standard Right Angle, P/N 010-02201-11 S/N 63M152412.				
Replaced L/H Outboard Leading Edge Skin with P/N 35-115431-107, due to hanger rash				
Arnold Blankenship				
A & P				

- Removed damage from door handle strap material and punched new mounting hole. Reinstalled handle. Ops checked good
- Adjusted door striker plate and latch assembly to facilitate easier latching. Ops checked good.

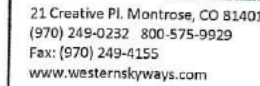
Nathanael Hinton A&P

7/24/2020 Tach. 610.8, Total Time 7944.7

N9410Q Airframe Log Entry

- Solder repaired broken wire at copilot microphone jack.
- Reinstalled left aft cowling latch spring and rigged latch mechanism.
- Reinstalled felt seal in copilot sidewall air vent.
- Tightened set screws on dual control yoke crossbar as needed.

David Westphal A&P

[illegible]

Date: 07 JUL 2020

Tach time: 592.5

Total time: 7926.4

Aircraft Model: BEECH A-36

#1 Engine Model: Continental IO-520-BB

Engine total time:

#1 Prop Model: Hartzell PHC-C3YF-1RF/F8068

Prop Total time: 0.0

Reg. Number: N9410Q

Hobbs time: 608.8

Work Order Number: A004346

Serial Number: E-286

Serial Number: 287499

Engine TSO: 645.5

Serial Number: QG1845B

Prop TSO: NA

AIRCRAFT LOG

- Removed engine IO-520-BB serial number 287499. Removed propeller PHC-C3YF-1RF serial number PC10TCCP25EA.
- Engine Turbo normalized per STC SE8677SW in accordance with Western Skyways Master Drawing List DL92002, Rev 3, dated 15 MAY 2006. This engine must be installed and operated per Western Skyways Inc. STC SA8676SW.
- Installed Turbo normalized Continental IO-520-BB, S/N: 287499 and associated changes per STC SA8676SW in accordance with Western Skyways. Master Drawing List No. DL92001 Rev. 14 dated 14 DEC 2013. Serviced engine with Phillips XC20W-50.
 - Installed new Wastegate, P/N: 470908-0011, S/N: H-WGN00013, ref Hartzell Engine Technologies 8130-3, W/O: M690110 dated 25 JUL 2019.
 - Installed new Controller, P/N: 481058-0001, S/N: H-XDN00077, ref Hartzell Engine Technologies 8130-3, W/O: M940150 dated 25 06 MAY 2020.
 - Installed new Turbo charger, P/N: 406610-0029, S/N: H-XDL00134, ref Hartzell Engine Technologies 8130-3, W/O: M939410 dated 06 MAY 2020.
 - Installed new relief valve, P/N: 470944-0020, S/N: H-TLN00086.
 - Installed Fuel Pump, P/N: 646210-11-2 and Throttle control, P/N: 649468-2-11, S/N: L189021AR, overhauled and modified per STC SE8677SW. Ref Western Skyways Inc. 8130-3, W/O: A004346 dated 15 MAY 2020.
 - Installed overhauled Manifold Valve, P/N: 631351-18A1, S/N: D059103C. Ref Western Skyways Inc. 8130-3, W/O: A004346 dated 15 MAY 2020.
 - Installed NEW fuel limiter, P/N: 642100-5, S/N: A004346.
 - Installed NEW Slick Magnets, Model 6320, S/N: 20031117 and 2003116.
 - Installed REBUILT Starter Adapter, P/N: R-642087A68. Ref Continental Motors Inc. 8130-3, W/O: 682593 0000266353 dated 11 FEB 2020.
 - Installed NEW exhaust V35-100. Lot # 15107 (Dawley Manufacturing Corp.).
 - Ground run, leak and operational checks good. Adjusted fuel system per Continental M-0 and STC requirements.
 - Filed 337 form and updated weight and balance.
 - Added Western Skyways Inc. Pilots Operating Handbook Supplement to Flight Manual.
- Installed new Hartzell Propeller PHC-C3YF-1RF/F8068, serial number QG1845B.
- Dynamic balanced propeller from .27 IPS to .04 IPS at 12:10 by addition of 15.7 grams at 5:30.
- Installed D'Shannon Products Ltd 20 Gallon Fiberglass auxiliary wing tip fuel tanks per STC SA2722CH in accordance with Installation Manual KB-1401-1 Rev. K dated 04 SEP 2019. Instructions for Continued Airworthiness document DP-ICA-1400 Rev. C dated 12 DEC 2012 added to aircraft records. Added D'Shannon Products LLC Pilots Operating Handbook supplement to Flight Manual. Filed 337 and updated weight and balance.

The aircraft, airframe, engine, propeller, and/or appliance identified above was repaired and/or inspected in accordance with current Regulations of the Federal Aviation Administration and is hereby returned to service. Pertinent details are on file at this Repair Station on above work order.

Repair Station Number

Form 201

8/19/2020 Tach. 627.4 Hobbs 1574.0

N9410Q Airframe Log Entry

- Owner squawked aileron control yokes not level during level flight. Inspection of aileron control system and rigging found turnbuckle safety clips not engaged to the aileron turnbuckle under right aft seat floorboard, under the heater ducting. This turnbuckle started to rotate, but not to the point of disconnect. Found AD 2019-23-10 previously C/W during annual 27-DEC-2019. Completed aileron rigging procedure and adjusted I/A/W Bonanza Maintenance Manual Chapt. 27-10-00-201. Properly installed new safety clips to turnbuckle. Cable tension was set to 45 LBS. Operational checks were good.
- Removed dual control yoke assembly and installed serviceable, single control yoke per owner's request and provided by owner. Operational check was good.
- Left engine cowl was found difficult to open and close. Inspection found aft left cowl latch worn. Replaced left cowl door aft latch assembly W/Serviceable unit P/N H910-3. Installed serviceable exterior aft, hand hold brackets, (2 each) P/N 35-910322-1 to aft left and right cowl doors for better control of the doors during opening and closing. Rigged latching mechanism for proper operation.
- Found the Bonanza emblem on left cowl door loose. Opened a hole in the interior cover of the cowl door to gain access to the nut for the emblem, re-torqued nut and installed hole plug to cover.
- Owner squawked left cowl flap stuck closed and binding. Inspection found rod end attachment hardware not installed for proper clearance from fuselage. Removed rod end and added spacers to gain proper clearance from fuselage. Operational checks were good.
- Per owner's request, removed cigar lighter assembly and replaced W/New USB charging port. Connected power wire to original cigar lighter power wiring after verifying wire was already protected by existing circuit breaker. Operational check was good.
- Per owner's request, removed all vacuum system components, plumbing and vacuum instruments/gauge from instrument panel. Plugged existing instrument panel holes W/New Blank Plates (1 each) P/Ns MK621, MK620 and MK624. Plugged existing firewall holes W/Metal plugs as required. Installed cover plate to engine where vacuum pump was installed. Removed 5.5 LBS from STA 29.5 and 7.5 LBS from STA 58.00. ~~Could not find and was not presented with up dated weight and balance data, FAA Form 337 or log book entries to reflect recent modifications to this aircraft.~~

Notified Owner of this fact.

Manuel Burgos A&P

New Empty Weight 2570 LBS
New Empty CG 79.1808794
New Empty Moment 20'3494.86

New Useful Load 1030 LBS

MB

7/6/2021 Tach. 751.3, Total Time 8085.2

N9410Q Airframe Log Entry

- Replaced RH horizontal stabilizer trim tab cover plate with a serviceable cover plate. Operational check was good.

Jonathan Taylor Moore A&P

10/21/2020 T-651.8 HM-1599.8 AFTT-7985.7 Annual Inspection
Removed all body panels, lubed all cables and pulleys, inspect airframe, and reinstall all body panels after work was accomplished. Checked all lights, beacons and strobes. Replaced both fuel cap o-rings. Replaced AC discharge to firewall hose. Serviced AC system with R134a. Removed main fuel screen, inspect, clean and reinstalled. Removed all wheels, clean, inspect, and grease bearings and races. Reinstalled wheels. Performed gear swing. Checked normal and emergency gear extension systems. Installed new RG35AXC battery, SN-41112688. Replaced ELT batteries. Complied with FAR91-207d, ELT battery exp 11/22. Check all AD thru 20-21. See AD compliance record, dated 10/2020, for details. All work performed IAW FAR43, Appendix D and AC43.13 1B/2A and applicable maintenance manual. This aircraft is returned to service. Charles Schandelemeier, IA3575997

I CERTIFY THAT THIS Aircraft HAS
BEEN INSPECTED IN ACCORDANCE WITH A
Annual INSPECTION AND WAS FOUND
TO BE IN AIRWORTHY CONDITION.

9/20/2021 Tach. 810.8, Total Time 8144.7

N9410Q Airframe Log Entry

- Replaced battery box lid vent ducting from right rear engine baffle to battery lid W/New P/N BE709-4-30-6.
- Serviced nose strut W/Nitrogen to proper level.
- Replaced right and left main tires and tubes W/New Michelin Air 7.00x6 6Ply Tires (2 each) P/N 070-313-0, S/N RT 9092S00151 and S/N LT 1014T00212 and Michelin Tubes (2 each) P/N 092-318-0 MFG dated Jan. and May. 2021. Torqued wheel bolts to 150 in/lbs. and service each to 40 PSI. Reinstalled to aircraft W/New cotter pins. Leak checks were good.
- Removed left brake caliper, disassembled, cleaned, and inspected. Reassembled W/New O-rings (2 each) P/N MS28775-222. Replaced left brake linings W/New (4 each) P/N 066-10500 and reinstalled to aircraft. Bled left brake using MIL-H-5606 fluid. Operational and leak checks were good.
- Inspection of forward cargo door per owner, found stress cracked at FWD window frame area. Fabricated angle patch from 2024T3.032 aluminum and installed using Cherry Max rivets (12 each) P/N CR3212-4-02 and two-part epoxy. Used serviceable door is on order per owner's request.

William Dorothy A&P

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
11/5/2021	TACH 832.9	Hobbs 1786.6	N9410Q	I have inspected this Aircraft & Verified it is safe for the intended Flight From Springdale AR to McKipney TX. [Redacted Signature] A & P
11/17/2021	T-834.4	AFTT-8168.3		Annual Inspection Removed all body panels, lubed all cables and pulleys, inspect airframe, and reinstalled all body panels after work was accomplished. Checked all lights, beacons and strobes. Removed main fuel screen, inspect, clean and reinstalled. Removed all wheels, clean, inspect, and grease bearings and races. Reinstalled wheels. Performed gear swing. Checked normal and emergency gear extension systems. Replaced starter drive adaptor, PN-642087A6S, SN-CAM20-073 and new starter, PN-C12ST5, SN-H-V9771333. Complied with FAR91-207d. ELT battery exp 12/25. Check all AD thru 21-23. See AD compliance record, dated 11/21, for details. All work performed IAW FAR43, Appendix D and AC43.13 1B/2A and applicable maintenance manual. This aircraft is returned to service. Charles Schandeleier, [Redacted Signature]
I CERTIFY THAT THIS <u>Aircraft</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION. [Redacted Signature]				

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
Summit Aviation LLC 2440 SW Aviation St. Bentonville, AR 72712 12/29/2021 Tach. 861.6, Total Time 8195.5 N9410Q Airframe Log Entry				
Found top forward pin of utility baggage door pushed in and top forward section of door bowed out. Moved top forward pin into correct position and glued using PS890B1/2. Pulled forward top edge of door in and installed a strap patch to door using pop rivets and PS890B1/2 to hold door in correct position. Reinstalled door. Operational check was good.				
Travis Reynolds A&P [Redacted Signature]				

