

83  
MODEL Cessna 421C

HOWARD AVIATION, INC.

DATE 12/1/98

DATE \_\_\_\_\_  
S/N 421C0882

1911 MCKINLEY AVE.

W.O.# 8074

LA VERNE, CA 91750

19...  
REG. NO. N5874C

F.A.A. APPROVED

HOBBS 511.0

REPAIR STATION NO. EM3R480L

TACH \_\_\_\_\_

LOGBOOK INSERT

TOTAL TIME 1771.00

I CERTIFY THIS Aircraft HAS BEEN INSPECTED IN ACCORDANCE WITH  
An Annual INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. PERTINENT  
DETAILS OF THE REPAIR ARE ON FILE AT THIS STATION.

DATE 12/1/98 SIGNED [Signature]

LUBED AND/OR INSPECTED ALL PULLEYS, CABLES, ROD ENDS AND HINGES.  
OVERHAULED R. BRAKE CALIPER. PACKED ALL WHEEL BEARINGS, LUBED GEAR, AND  
PERFORMED RETRACT TEST, ALL NORMAL. CLEANED FUEL STRAINERS. R&R O2 AND N2  
BOTTLES FOR HYDRO TEST. SERVICED BATTERY AND HYDRAULIC RESERVOIR. *E.L.T.*  
*INSPECTED I/A/W FAR 91.207, ELT BATTERY GOOD TO 11/99.* REPLACED ALL FUEL CAP O-  
RINGS. INSPECTED ALL LIGHTS, PITOT HEAT, AND STALL WARNING. C/W *MEB97-9* BY  
INSPECTING FLAP MOTOR. C/W *AD 75-23-08 R5* BY INSPECTION AND PRESSURE TEST OF  
EXHAUST SYSTEM ON BOTH ENGINES, REPLACED BOTH TAILPIPES WITH NEW KNISLEY  
PARTS. C/W *AD 96-20-07* BY PRESSURE DECAY TEST AND FUNCTION TEST OF CAS,  
REPLACED COMBUSTION AIR BLOWER MOTOR. C/W *AD 84-26-02* BY REPLACING BOTH AIR  
FILTERS. C/W *AD 98-04-28* BY PLACING SUPPLEMENT IN P.O.H. C/W *AD 95-09-13* BY  
REPLACING FUEL INLET VALVES WITH NEW STYLE, RETEST VALVES @2371 HRS.-----  
END

A/F Va III



MODEL Cessna 421C  
S/N 421C0882  
REG. NO. N5874C

**HOWARD AVIATION, INC.**  
1911 MCKINLEY AVE.  
LA VERNE, CA 91750  
F.A.A. APPROVED  
REPAIR STATION NO. EM3R480L

DATE 8/5/99  
W.O.# 8515  
HOBBS 568.8  
TACH \_\_\_\_\_  
TOTAL TIME 1828.8

**LOGBOOK INSERT**

I CERTIFY THIS Aircraft HAS BEEN INSPECTED IN ACCORDANCE WITH  
A n Annual INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. PERTINENT  
DETAILS OF THE REPAIR ARE ON FILE AT THIS STATION.

DATE 8/5/99 SIGNED [Signature]

LUBED AND/OR INSPECTED ALL PULLEYS, CABLES, RODENDS AND HINGES. REPLACED L. MAIN TIRE. REPLACED ALL GEAR ACTUATOR HOSES. TIGHTENED N.G. STEERING STOP. CHECKED NOSE TIRE FENDER CHAFING, ALL O.K. ALL PACKED ALL WHEEL BEARINGS, LUBED GEAR, AND PERFORMED RETRACT TEST, ALL NORMAL. R&R BOTH PROPS FOR OVERHAUL AND R&R BOTH GOVERNORS FOR RESEAL. CLEANED FUEL STRAINERS. SERVICED BATTERY AND HYDRAULIC RESERVOIR. *E.L.T. INSPECTED I/A/W FAR 91.207, ELT BATTERY REPLACED, GOOD TO 9/01.* REPLACED ALL FUEL CAP O-RINGS. RETENSIONED RUDDER AND NG STEERING CABLES. INSPECTED ALL LIGHTS, PITOT HEAT, AND STALL WARNING. C/W AD 75-23-08 R5 BY INSPECTION AND PRESSURE TEST OF EXHAUST SYSTEM ON BOTH ENGINES. CLEANED BOTH AIR FILTERS. TESTED AND INSPECTED PNEUMATIC DEICE SYSTEM, ALL NORMAL. REPAIRED SCAT DUCTS FOR BOTH A/C EVAPORATOR BLOWERS. ADJUSTED NOSE BAGGAGE DOOR.-----END-----

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~~AVIATION~~ MAINTENANCE LOG  
#1200054

Howard Aviation, Inc. FAA Repair Station #EM3R480L  
Brackett Aircraft Radio, Inc. CRS # T03R874L  
1911 Mc Kinley Ave. Phone: (909) 593-2596  
La Verne, Ca. 91750 Fax: (909) 593-2278  
"N" Number 5874C Work Order # 4796

The static pressure system was inspected and tested in compliance with FAR 91.411.  
The altimeter instrument KING was calibrated to an altitude of 35 thousand feet in compliance with FAR 91.411.  
The ATC transponder was tested and inspected in compliance with FAR 91.413.  
Automatic altitude reporting equipment was tested and calibrated in compliance with FAR 91.411.

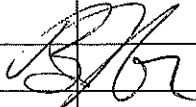
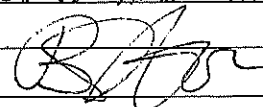
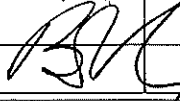
Date: 8/10/99 By: [Signature]

Date	Description	Repair Shop and Number
<u>10/7/99</u>	<u>Hobbs 673.9 INSTALLED NEW E.G.T INDICATOR, TESTED GOOD</u>	<u>Coastal Air Maintenance</u>
		<u>Repair Station #AG3R370L</u>
		<u>985 Airport Drive</u>
		<u>San Luis Obispo, CA 93401</u>

[Signature]

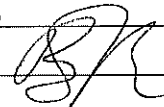
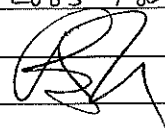
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~~AIRCRAFT~~ MAINTENANCE LOG  
Aircraft

Date	Complaint	Corrective Action or Modification	Repair Shop and Number
10/28/99	H02435 711.5	INSTALLED NEW OVERBOARD AUXILIARY FUEL BOOST PUMP 2B7-29 S/N 2471. OPS & LEAK CHECK GOOD	 Coastal Air Maintenance Repair Station #AG3R370L 985 Airport Drive San Luis Obispo, CA 93401 (805) 544-4664
1/23/99	H02435 756.6	REPLACED RIGHT MAIN TIRE. PARKED UNDER BENTONS TORQUED AND SAFETY	 Coastal Air Maintenance Repair Station #AG3R370L 985 Airport Drive San Luis Obispo, CA 93401 (805) 544-4664
1-7-99	H02435 Coastal Air Maintenance Repair Station #AG3R370L 985 Airport Drive San Luis Obispo, CA 93401 (805) 544-4664	INSTALLED NEW COMBUSTION HEATER BLOWER MOTOR RE-SET HEATER DUCT THERMOSTAT. TESTS GOOD	

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**AIRCRAFT MAINTENANCE LOG**  
Aircraft

Date	Complaint	Corrective Action or Modification	Repair Shop and Number
1/18/2000	HOBBS 796.9	INSTALLED NEW LEFT MAIN GPM SQUOT SWITCH	
		TESTED 6000	
			REPAIR STATION #AG3R370L
1/24/00	HOBBS 897.7	INSTALLED NEW OVERHAULS RAM ENGINE RT SIDE ONLY	
		S/N ON R-808266-R. PROP FLUSHED, PROP GOVERNOR	
		OVERHAULS NEW TURBO AND TURBO WASTEGATE.	
		C/W A.D. 2000-01-16 BY INSPECTION PER PART B, C & D	
		NEW OVERHAULS WYLE COLLECTORS INSTALLED AND NEW ELBOW	
		ON LEFT ENGINE. SEE ENGINE LOGS FOR DETAILS.	
		<b>Coastal Air Maintenance</b> <b>Repair Station #AG3R370L</b> <b>985 Airport Drive</b> <b>San Luis Obispo, CA 93401</b> <b>(805) 544-4664</b>	

**ENGINE MAINTENANCE LOG**  
Aircraft

Date	Complaint	Corrective Action or Modification	Repair Shop and Number
6/9/00	HOBBS 947.5	INSTALL NEW NOSE TIRE. PACKED WHEEL BEARING INSTALL ALL NEW BRAKE LINING. SERVICE BATH AD HYD REPAIR KIT.	Coastal Air Maintenance Repair Station #AG3R370L 985 Airport Drive San Luis Obispo, CA 93401 (805) 544-4664
6/13/00	HOBBS 957.7	REPAIR LEFT MAIN TIRE. PACKED WHEEL BEARINGS. REPAIR UPLOK HYD LINE IN NOSE WHEEL WELL PERFORMS GEM RETRACTION TEST. LEAK CHECK GOOD	Coastal Air Maintenance Repair Station #AG3R370L 985 Airport Drive San Luis Obispo, CA 93401 (805) 544-4664
7/19/00	HOBBS 1001.7	INSTALL NEW OVERHAUL R/H FUEL BOOST PUMP OPS & LEAK CHECK GOOD	Coastal Air Maintenance Repair Station #AG3R370L 985 Airport Drive San Luis Obispo, CA 93401 (805) 544-4664

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**AIRCRAFT MAINTENANCE LOG**  
Aircraft

Date	Complaint	Corrective Action or Modification	Repair Shop and Number
7/21/00	HOBBS 1054.6	PERFORMED GEAR RETRACTION TEST. PACKED ALL WHEEL BEARING LUBED GEAR, FLIGHT CONTROLS AND FLIGHT CONTROL SYSTEM. REPLACED BOTH THROTTLE CONTROL CABLES, RIGGED AND SECURED. REMOVED PRESSURIZATION DUMP VALVES, RE-SEALED DUMP VALVES. REPAIRED PRESSURIZATION DUCTS IN BOTH WINGS. REINSTALLED AND SECURED DUMP VALVES. REPLACED RT. LOWER FLAP DRIVE CABLE RIGGED AND SECURED CABLE. REPLACED TAIL DE-ICE PRESSURE SWITCH. REPLACED A/C CONDENSER BLOWER MOTOR. SERVICED A/C SYSTEM WITH R-12 FILLING. REPLACED VACUUM CONTROL AND RELIEF FILTERS. ADJUSTED VACUUM REGULATORS. INSTALLED NEW TURN AND BANK (CO-PILOTS SIDE). TACH INDICATOR SENT OUT FOR OVERHAUL AND REINSTALLED. REPLACED RT WING FORWARD FUEL TANK DRAIN. REPLACED FUEL CAP O-RINGS. REPLACED RAM AIR DUCT IN NOSE SECTION OF AIRCRAFT. SERVICED ALCOHOL RESERVOIR PURGED AND TESTED SYSTEM.	

(CONTINUED)



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**AIRCRAFT MAINTENANCE LOG**

*Aircraft*

Date	Complaint	Corrective Action or Modification	Repair Shop and Number	
7/24/00	HOBBS 1054.6	PERFORMED COMBUSTION HEATER PRESSURE DELAY TEST. PER A.D. 96-20-07. INSTALLED SERVICABLE HOBBS METR FOUR HEATER. HOBBS METR TIME 270.5. RETURNED NOSE GEAR STEERING STOP. INSTALLED NEW BRAKE CALIPER SHIMS. SERVICED HYD SYSTEM AND BRAKE RESERVOIRS. SERVICED AIRCRAFT BATTERY		
		Date: 9/21/00 Total Time: 2314.6 <del>TECH AIR MTR: 1054.6</del> I certify that this AIRCRAFT has been inspected in accordance with an <u>Annual</u> inspection and was determined to be in airworthy condition. W.O.# 16998 Inspector: <u>[Signature]</u>		
		<b>Coastal Air Maintenance, Repair Station #AG3R370L</b> 889 Airport Drive, San Luis Obispo, CA 93401		
7/23/00	HOBBS 1109.0	REPLACED BRIDGE DISC'S, CALIPERS, LINING BOLTS AND SEALS BOTH MAIN GEAR BLEED BRANES. REPLACED RIGHT MAIN TIRE TORQUED AD OFFSET		

*[Signature]*

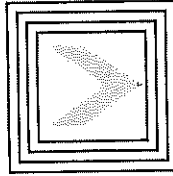
Coastal Air Maintenance  
 Repair Station #AG3R370L  
 889 Airport Drive  
 San Luis Obispo, CA 93401  
 (805) 546-1100

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~~AIRCRAFT~~ MAINTENANCE LOG  
Aircraft

Date	Complaint	Corrective Action or Modification	Repair Shop and Number
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**Corporate**



**Aircraft Inc.**

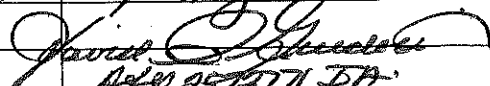
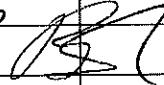

CESSNA 421C N5874C S/N 421C-0882 HOBBS 1,113.5 HRS OCTOBER 26, 2000

Completed the fuel float valve test required by AD 95-09-13 on both the left and right wings. Both sides passed the required test. Details on file WO S7611.

CORPORATE AIRCRAFT, INC


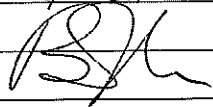
FAA CRS CQDR029K

**AVIONICS MAINTENANCE LOG**  
Aircraft

Date	Complaint	Corrective Action or Modification	Repair Shop and Number
JANUARY 9, 2001	HOBBS READING 1179.5	REMOVED LEFT ENGINE AND INSTALLED RAM ENGINE IN #1 POSITION - SEE NEW AIRCRAFT LOG BOOKS.	 APP 257077 DA
2/22/01	HOBBS 1204.5	REPAIRED PILOTS DOX PITOT HEAT WIRING IN NOISE SYSTEM TESTS GOOD	 Coastal Air Maintenance Repair Station #AG3R3701 985 Airport Drive San Luis Obispo, CA 93401 (805) 544-4800
2/28/01	HOBBS 1214.7	REINSTALLED TACH INDICATOR AFTER OVERHAUL. SYSTEM TESTS GOOD	 Coastal Air Maintenance Repair Station #AG3R3701 985 Airport Drive San Luis Obispo, CA 93401 (805) 544-4800

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**AVIATION MAINTENANCE LOG**  
Aircraft

Date	Complaint	Corrective Action or Modification	Repair Shop and Number
3/21/01	HOURS 1351.6	INSTALLED NEW NOSE TIRE PERIODIC WHEEL BEARING TORQUED AND SECURED. LUBED RT. FUEL SELECTOR CARBURETOR EXTERNAL LIGHTING, SERVICED MAIN TIRES AND BATTERY	<p>Coastal Air Maintenance Repair Station #AG3R370L 985 Airport Drive San Luis Obispo, CA 93401 (805) 544-4664</p> 
7/23/01	HOURS 1380.5	INSTALLED NEW OVERHAULLED RT FUEL BOOST PUMP & 157-29 FZ SN 84612	<p>Coastal Air Maint. Repair Station #AG3R370L 985 Airport Drive San Luis Obispo, CA (805) 544-4664</p> 

**MAINTENANCE LOG**  
Aircraft

Date	Complaint	Corrective Action or Modification	Repair Shop and Number
2/16/01	HOBBS 1447.1	<p>REPAIRED HYD LINE ASSEMBLY ON LT. MAIN GEAR ACTUATOR. PERFORMED GEAR RETRACTION TEST. PACKED ALL WHEEL BEARINGS. LUBED GEAR. REMANUFACTURED BOTH MAIN GEAR BRAKE HOSES BLEED BRAKES. INSTALLED INSIGHT GRAPHIC ENGINE MONITOR SYSTEM (1200) RE-LOCATED E.G.T. INDICATION TO LOWER SIDE OF CO-PILOTS PANEL (SEE FORM 337). INSTALLED SHADIN FUEL FLOW SYSTEM PER MANUFACTURE INSTRUCTIONS (SEE FORM 337) REPLACED O-RING SEAL ON RT. PRESSURIZATION DUMP CONTROL VALVE. REPLACED SURFACE DE-ICE LINE ASSEMBLY IN RT WING SURFACE DE-ICE SYSTEM TESTS GOOD. MANIFOLD PRESSURE GAUGE OVERRIDEN BY PACIFIC SOUTHWEST INSTRUMENT. SEE YELLOW TAG. INSTALLED AND SECURED GAUGE. (REPLACED VACUUM RELIEF FILTERS. REPAIRED FLAP CONTROL WIRING. REPLACED FUEL CAP O-RINGS. REPLACED E.L.T. BATTERY. TESTED E.L.T. PER F.A.R. REQUIREMENTS. NEW BATTERY DATE NOV 2003</p>	

(CONTINUED)

# Loyd's Aircraft Maintenance, Inc.

1600 ALTIMETER STREET  
 BAKERSFIELD, CALIFORNIA. 93308  
 661-393-1588

Shop Order: 9099  
 Acct Number: 999999999  
 Department: 03

Opened: 01/24/2002  
 Closed: 01/25/2002

Sold To: Cash Sale

<b>Aircraft Number:</b> N5874C		<b>Type:</b> CESSNA, 421C		<b>S/N:</b> 421C0882			
Total Time: 1,554.5		Hobbs Time: 1,554.5		Tach Time: 0.0			
<b>Eng#</b>	<b>Type</b>	<b>S/N</b>	<b>Time</b>	<b>Cycles</b>	<b>Prop Type</b>	<b>Prop S/N</b>	<b>Prop Time</b>
1			1,517.2				1,517.2
2			1,517.2				1,517.2

**Discrepancy:** 1

**Problem:**

LANDING GEAR NOT DOWN AND LOCKED ON APPROACH. PILOT USED EMERGENCY NITROGEN BOTTLE TO LOCK GEAR IN DOWN POSITION. LANDING NORMAL.

**Action Taken:**

JACKED AIRCRAFT. DEPRESSURIZED NITROGEN SYSTEM AND REMOVED BOTTLE. RESET PLUNGER IN BOTTLE AND RESERVICED WITH NITROGEN. ATTACHED HYDRAULIC SERVICE CART AND PERFORMED SHUTTLE VALVE RESET PROCEDURE PER SERVICE MANUAL. PERFORMED FIVE FAULT FREE RETRACTION/EXTENSION CYCLES. UPON RESERVICING HYDRAULIC RESERVOIR THE SIGHT TUBE LEVEL DID NOT CORRELATE WITH THE FLUID LEVEL IN RESERVOIR. REMOVED RESERVOIR AND FOUND DEBRIS IN RESERVOIR PREVENTING PROPER SIGHT TUBE READING. FLUSHED RESERVOIR AND REPLACED SIGHT TUBE. REINSTALLED RESERVOIR, SERVICED, AND PERFORMED A FURTHER TWO RETRACTION/EXTENSION CYCLES ALL SATISFACTORY. REINSTALLED NITROGEN BOTTLE AND CLOSED NOSE AREA. NOTE: AIR CONDITIONER MOTOR AND COMPRESSOR REQUIRED REMOVAL FOR ACCESS TO HYDRAULIC PRESSURE PORT.

Charges This Item: 6.00 Hours @ 70.00 420.00

Part Number	Description	Credit	Quantity	Units	List Price	Disc	Unit Price	Extended
5606	HYD.FLUID MIL-H-5606		2.00	Each	9.500		9.500	19.00
MS28775-213	O-RING		1.00	Each	0.800		0.800	0.80
MS28778-10	O-RING		1.00	Each	0.600		0.600	0.60
<b>Total For This Discrepancy:</b>								<b>440.40</b>

**Miscellaneous Charges:**

Misc Supplies: 8.40

**Summary:**

Total Parts: 20.40      Misc Supplies: 8.40  
 Total Labor - 6.00 Hours: 420.00

**Totals:**

<b>SubTotal:</b>	<b>448.80</b>
<b>Sales Taxes:</b>	<b>2.09</b>
<b>Balance Due:</b>	<b>450.89</b>

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~~AIRCRAFT~~ MAINTENANCE LOG  
AIRCRAFT

Date	Complaint	Corrective Action or Modification	Repair Shop and Number
10/16/01	HOBBS 1447.1	(CONTINUED)	
		REPLACE NOSE GEAR DOOR SEAL (FORWARDS) REPAIRED TAXI LIGHT WIRING. SERVICED HYD RESERVOIR AND BRACE RESERVOIRS. SERVICED AIRCRAFT BATTERY LUBED FLIGHT CONTROLS.	
		Date: 10/16/01	
		Total Time: 2707.1	
		I certify that this AIRCRAFT has been inspected in accordance with	
		an ANNUAL inspection and was determined to be in	
		airworthy condition, W.O. # 17422 Inspector [Signature]	
		Costal Air Maintenance, Repair Station #ACSP370L	
		985 Airport Drive, San Luis Obispo, CA 93401	

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**AVIONICS MAINTENANCE LOG**

*Mincast*

Date	Complaint	Corrective Action or Modification	Repair Shop and Number
		I CERTIFY THAT THE ALTIMETER, ALTITUDE REPORTER, TRANSPONDER AND STATIC SYSTEM TEST REQUIRED BY F.A.R 91.411 I.A.W. F.A.R. 43 APPENDIX E&F HAVE BEEN PERFORMED, THE ALTIMETER(S) HAS BEEN TESTED TO <u>30,000</u> FT DATE <u>19 OCT 01</u> SAN LUIS AVIONICS REPAIR STATION #ZS5R2200 FILED UNDER INVOICE # <u>6924</u>  INSPECTOR <u><i>[Signature]</i></u>  TACH= <u>1449.8</u> # <u>5874C</u> I CERTIFY THAT THE TRANSPONDER TEST PER F.A.R. 91.413 HAS BEEN COMPLETED. SAN LUIS AVIONICS REPAIR STATION #ZS5R2200. FILED UNDER INVOICE# <u>6924</u> DATE <u>19 OCT 01</u>  INSPECTOR <u><i>[Signature]</i></u>	

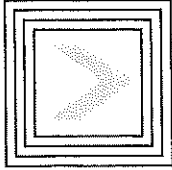
2/27/01	HOBBY 1521.3	INSTALLED NEW LEFT WING OUTBOARD DE-ICE BOOT PER GOODRICH INSTRUCTIONS. SECURED AS DIRECTED BOOT  <i>[Signature]</i>	
			Coastal Air Maintenance Repair Station #AG3R370L 985 Airport Drive San Luis Obispo, CA 93401 (805) 544-4552

1/0/02	HOBBY 1533.3	INSTALLED NEW RIGHT WING OUTBOARD DE-ICE BOOT PER GOODRICH INSTRUCTIONS. SECURED AS DIRECTED BOOT  <i>[Signature]</i>	
			Coastal Air Maintenance Repair Station #AG3R370L 985 Airport Drive San Luis Obispo, CA 93401



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# Corporate Aircraft Inc.



CORPORATE AIRCRAFT, INC. FRESNO, CA. (559)251-1555	N5874C RS CQDR029K	07/11/2002	SERIAL # HOBBS	421C-0882 1,741.4
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Completed the fuel float valve test required by AD 95-09-13 on both the left and right wings. Both sides passed the required functional test.

Workorder # S8670

*Steve R. Proyer*

CORPORATE AIRCRAFT, INC. 4885 E. SHIELDS, FRESNO, CA. 93726 FAA RS CQDR029K

*END OF LOG BOOK # 1  
11/22/2002*