

# Airworthiness Directive Compliance Record

AIRCRAFT RECORDS - DO NOT DESTROY

airframe

Company United Flight Services  
 Manufacturer MOONEY AIRCRAFT CORPORATION (SEE UNIVAIR)  
 Model M20K  
 Tail # N5289D  
 Serial # 25-1192  
 Current Time 1034.7  
 Total Time 2408.4  
 A/C Cert. Date

**\*75-23-04** 12/08/75 ELECTRIC LANDING GEAR ACTUATOR/  
 Method of Compliance NA by actuator manufacturer  
 SB # Date Next Due  
 Signature Cert. #

**77-08-06** 07/25/77 ENGINE AIR-OIL COOLER/  
 Method of Compliance NA by model  
 SB # Date Next Due  
 Signature Cert. #

**80-02-12** 02/01/80 FUSELAGE TUBULAR STRUCTURE/  
 Method of Compliance NA by SN  
 SB # Date Next Due  
 Signature Cert. #

**\*85-24-03** 01/06/86 FUEL TANK SEALANT APPLICATION/  
 Method of Compliance C/W by inspecting and testing fuel tank caps.  
 SB # Date 5-17-2024/1034.7 Next Due 5-31-2025 or 1134.7 WCF  
 Signature Cert. # A&P 569948254

**88-25-11** 01/05/89 AFM - PLACARD - BAGGAGE DOOR INSIDE LATCH/  
 Method of Compliance NA by SN  
 SB # Date Next Due  
 Signature Cert. #

**\*95-17-06** 09/25/95 ENGINE EXHAUST TRANSITION TUBE/  
 Method of Compliance C/W by inspecting and pressure testing transition duct and inspecting turbo mount legs for cracks. None found  
 SB # Date 5-17-2024/1034.7 Next Due 1134.7  
 Signature Cert. # A&P 569948254


**95-18-12** 10/20/95 FUEL SELECTOR VALVE/  
 Method of Compliance NA by fuel selector manufacturer  
 SB # Date Next Due  
 Signature Cert. #

**98-21-26** 11/26/98 MLG LEG BRACKET/  
 Method of Compliance NA by SN  
 SB # Date Next Due  
 Signature Cert. #

Prepared by TERENCE MCKENNA

Date 5-17-2024

## Airworthiness Directive Compliance Record

<b>*98-24-11</b>	12/28/98	AILERON CENTER CONTROL LINKS/	
Method of Compliance	PCW(terminating action)		
SB #	Date		Next Due
Signature			Cert. #
<b>12-05-09</b>	03/20/12	EMPENNAGE TRIM FITTING AND MOUNTING HARDWARE/	
Method of Compliance	PCW(7-1-2012)		
SB #	Date		Next Due
Signature			Cert. #
<b>*23-09-09</b>	07/17/23	FAILURES OF SPOT-WELDED, MULTI-SEGMENT V-BAND COUPLINGS/	
Method of Compliance	C/W by inspecting clamp per para k 1-7		
SB #	Date 5-17-2024/1034.7		Next Due 11-30-2024 or 1134.7
WCF			
Signature			Cert. # A&P 569948254

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# Airworthiness Directive Compliance Record

**AIRCRAFT RECORDS - DO NOT DESTROY**

**engine**

Company United Flight Services  
 Manufacturer TELEDYNE CONTINENTAL MOTORS  
 Model TSIO-520-NB  
 Location  
 Serial # 290697-R  
 TSMOH 1034.7  
 Total Time 1034.7

<b>69-18-05</b>	<b>09/04/69</b>	<b>OIL SCAVENGE PUMP DRIVE GEAR/</b>	
Method of Compliance	NA by model	Date	Next Due
SB #			Cert. #
Signature			
<b>70-13-03</b>	<b>07/02/70</b>	<b>BALANCE TUBE ASSEMBLY/</b>	
Method of Compliance	NA by model	Date	Next Due
SB #			Cert. #
Signature			
<b>*71-09-03</b>	<b>04/29/71</b>	<b>FUEL INJECTION PUMP VARIABLE ORIFICE HOUSING/</b>	
Method of Compliance	NA by model	Date	Next Due
SB #			Cert. #
Signature			
<b>*72-24-03</b>	<b>11/15/72</b>	<b>OIL FILTER ADAPTER/</b>	
Method of Compliance	NA by model	Date	Next Due
SB #			Cert. #
Signature			
<b>*75-09-13</b>	<b>04/24/75</b>	<b>TURBOCHARGER OIL INLET ADAPTER/</b>	
Method of Compliance	NA by model	Date	Next Due
SB #			Cert. #
Signature			
<b>*76-13-09</b>	<b>08/26/76</b>	<b>EXHAUST ELBOW FLANGES AND TURBO ADAPTERS/</b>	
Method of Compliance	NA by model	Date	Next Due
SB #			Cert. #
Signature			
<b>*77-05-04</b>	<b>03/11/77</b>	<b>MAIN BEARING AND GOVERNOR OIL TRANSFER COLLAR/</b>	
Method of Compliance	NA by model	Date	Next Due
SB #			Cert. #
Signature			
<b>*77-13-22</b>	<b>07/22/77</b>	<b>[R1] CRANKCASE INSPECTION CRACK CRITERIA/</b>	
Method of Compliance	NA by model	Date	Next Due
SB #			Cert. #
Signature			

Prepared by

*TERENCE McKENNA*

Date

*5-17-2024*



# Airworthiness Directive Compliance Record

<b>*78-06-01</b>	<b>01/24/79</b>	<b>NUMBER TWO CYLINDER INDUCTION TUBE/</b>
Method of Compliance	PCW(terminating action)	
SB #	Date	Next Due
Signature		Cert. #
<b>79-05-09</b>	<b>03/12/79</b>	<b>OIL PRESSURE RELIEF VALVE PLUNGER AND SCREW/</b>
Method of Compliance	NA by SN	
SB #	Date	Next Due
Signature		Cert. #
<b>80-01-04</b>	<b>01/25/80</b>	<b>CYLINDER HOLDDOWN FLANGES/</b>
Method of Compliance	NA by new cylinders installed at remanufacture	
SB #	Date	Next Due
Signature		Cert. #
<b>80-22-05</b>	<b>10/24/80</b>	<b>CRANKSHAFT FRONT OIL SEAL/</b>
Method of Compliance	NA by model	
SB #	Date	Next Due
Signature		Cert. #
<b>*81-24-06</b>	<b>11/23/81</b>	<b>ENGINE DRIVEN FUEL PUMP THROUGH BOLTS/</b>
Method of Compliance	NA by date of remanufacture	
SB #	Date	Next Due
Signature		Cert. #
<b>82-09-01</b>	<b>07/08/82</b>	<b>FUEL PRESSURE REGULATOR INLET AND OUTLET/</b>
Method of Compliance	NA by SN	
SB #	Date	Next Due
Signature		Cert. #
<b>84-19-04</b>	<b>09/19/84</b>	<b>FUEL PUMP DRIVE MECHANISM/</b>
Method of Compliance	NA by model	
SB #	Date	Next Due
Signature		Cert. #
<b>*84-25-05</b>	<b>03/04/85</b>	<b>TURBOCHARGER OIL SCAVENGE RESERVOIR/</b>
Method of Compliance	NA by model	
SB #	Date	Next Due
Signature		Cert. #
<b>86-08-07</b>	<b>04/21/86</b>	<b>FUEL PUMP REPLACEMENT/</b>
Method of Compliance	NA by model	
SB #	Date	Next Due
Signature		Cert. #
<b>*86-13-04 R3</b>	<b>02/24/88</b>	<b>CYLINDER BARREL CRACKING/</b>
Method of Compliance	NA by SN	
SB #	Date	Next Due
Signature		Cert. #

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# Airworthiness Directive Compliance Record

<b>87-14-02</b>	10/05/87	STARTER ADAPTER SHAFTS/	
Method of Compliance	NA by model		
SB #		Date	Next Due
Signature			Cert. #
<b>*87-23-08</b>	11/30/87	SUPERSEDED BY AD 97-26-17/	
Method of Compliance			
SB #		Date	Next Due
Signature			Cert. #
<b>87-26-08</b>	04/29/88	CRANKCASE, CRANKSHAFT AND PISTON PINS/	
Method of Compliance	NA by model		
SB #		Date	Next Due
Signature			Cert. #
<b>88-03-06</b>	04/15/88	TCM PRO-TECH ENGINE OIL FILTER/	
Method of Compliance	NA by spin on filter installed		
SB #		Date	Next Due
Signature			Cert. #
<b>88-17-03</b>	08/10/88	STARTER ADAPTER DRIVE SHAFT/	
Method of Compliance	NA by model		
SB #		Date	Next Due
Signature			Cert. #
<b>*89-14-01</b>	09/22/89	CRANKSHAFT END PLAY AND NUMBER TWO CRANKCASE MAIN BEARING/	
Method of Compliance	NA by model		
SB #		Date	Next Due
Signature			Cert. #
<b>89-24-01 R1</b>	08/10/90	SCAVENGE OIL PUMP GEARS/	
Method of Compliance	PCW at remanufacture		
SB #		Date	Next Due
Signature			Cert. #
<b>*89-24-03</b>	06/18/90	CORRECTED BY AD 89-24-03 C1/	
Method of Compliance			
SB #		Date	Next Due
Signature			Cert. #
<b>*89-24-03 C1</b>	06/18/90	TURBOCHARGER INLET ASSEMBLY/	
Method of Compliance	NA by model		
SB #		Date	Next Due
Signature			Cert. #
<b>91-19-03</b>	09/29/91	CHAMPION ENGINE OIL FILTER/	
Method of Compliance	NA by date		
SB #		Date	Next Due
Signature			Cert. #

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# Airworthiness Directive Compliance Record

<b>93-08-17</b>	<b>08/23/93</b>	<b>OIL PICK-UP TUBE INSPECTION/</b>	
Method of Compliance	NA by model		
SB #		Date	Next Due
Signature			Cert. #
<b>93-10-02</b>	<b>08/12/93</b>	<b>CYLINDER VALVE RETAINER KEY/</b>	
Method of Compliance	NA by SN		
SB #		Date	Next Due
Signature			Cert. #
<b>93-16-15</b>	<b>12/14/93</b>	<b>FUEL PUMP DRIVE SHAFT COUPLING/</b>	
Method of Compliance	PCW at remanufacture		
SB #		Date	Next Due
Signature			Cert. #
<b>94-14-12</b>	<b>06/23/94</b>	<b>SUPERSEDED BY AD 95-21-15/</b>	
Method of Compliance			
SB #		Date	Next Due
Signature			Cert. #
<b>95-21-15</b>	<b>11/28/95</b>	<b>ENGINE TEARDOWN AND INSPECTION/</b>	
Method of Compliance	NA by N number		
SB #		Date	Next Due
Signature			Cert. #
<b>*96-12-22</b>	<b>07/31/96</b>	<b>OIL FILTER ADAPTER ASSEMBLY NUT/</b>	
Method of Compliance	NA by adapter PN		
SB #		Date	Next Due
Signature			Cert. #
<b>*97-26-17</b>	<b>01/23/98</b>	<b>AIRMELT CRANKSHAFT/</b>	
Method of Compliance	VAR crankshaft installed		
SB #		Date	Next Due
Signature			Cert. # Next crankshaft removal
<b>98-01-08</b>	<b>12/23/97</b>	<b>EXHAUST ROLLER BEARING ROCKER ARMS/</b>	
Method of Compliance	NA by standard rockers installed		
SB #		Date	Next Due
Signature			Cert. #
<b>98-17-11</b>	<b>10/19/98</b>	<b>CRANKSHAFT CRACKS/</b>	
Method of Compliance	NA by rework facility not used		
SB #		Date	Next Due
Signature			Cert. #
<b>99-09-17</b>	<b>04/22/99</b>	<b>SUPERSEDED BY AD 99-19-01/</b>	
Method of Compliance			
SB #		Date	Next Due
Signature			Cert. #

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Date 5-17-2024



# Airworthiness Directive Compliance Record

<b>99-19-01</b>	<b>09/30/99</b>	<b>CRANKSHAFT CHEEK CRACKS/</b>
Method of Compliance	NA by date	
SB #	Date	Next Due
Signature		Cert. #
<b>00-08-51</b>	<b>04/28/00</b>	<b>SUPERSEDED BY AD 2000-23-21/</b>
Method of Compliance		
SB #	Date	Next Due
Signature		Cert. #
<b>00-23-21</b>	<b>12/12/00</b>	<b>CRANKSHAFT CONNECTING ROD JOURNAL/</b>
Method of Compliance	NA by date	
SB #	Date	Next Due
Signature		Cert. #
<b>04-08-10</b>	<b>05/05/04</b>	<b>ENGINE COMPONENTS, INC. STC'D CYLINDERS/</b>
Method of Compliance	NA by TCM cylinders installed	
SB #	Date	Next Due
Signature		Cert. #
<b>07-04-19</b>	<b>03/12/07</b>	<b>REVISED BY AD 2007-04-19 R1/</b>
Method of Compliance		
SB #	Date	Next Due
Signature		Cert. #
<b>07-04-19 R1</b>	<b>05/07/07</b>	<b>SUPERIOR AIR PARTS, INC. CAST CYLINDER ASSEMBLIES/</b>
Method of Compliance	NA by TCM cylinders installed	
SB #	Date	Next Due
Signature		Cert. #
<b>07-16-10</b>	<b>08/23/07</b>	<b>TURBOCHARGER COMPRESSOR ROTOR/</b>
Method of Compliance	NA by model	
SB #	Date	Next Due
Signature		Cert. #
<b>08-08-17</b>	<b>05/06/08</b>	<b>TURBINE HOUSING EXHAUST FLANGE/</b>
Method of Compliance	NA by engine model	
SB #	Date	Next Due
Signature		Cert. #
<b>*09-16-03</b>	<b>09/09/09</b>	<b>SUPERIOR AIR PARTS INVESTMENT CAST CYLINDER ASSEMBLIES/</b>
Method of Compliance	NA by TCM cylinders installed	
SB #	Date	Next Due
Signature		Cert. #
<b>*09-19-07</b>	<b>10/07/09</b>	<b>EQ3 CYLINDER HEAD ASSEMBLIES/</b>
Method of Compliance	NA by manufacture date	
SB #	Date	Next Due
Signature		Cert. #

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Date 5-17-2024

# Airworthiness Directive Compliance Record

<b>09-24-51</b>	11/16/09	SUPERSEDED BY AD 2009-24-52/
Method of Compliance		
SB #	Date	Next Due
Signature		Cert. #
<b>09-24-52</b>	11/18/09	SUPERSEDED BY AD 2010-11-04/
Method of Compliance		
SB #	Date	Next Due
Signature		Cert. #
<b>10-11-04</b>	06/16/10	HYDRAULIC VALVE LIFTERS/
Method of Compliance	NA by manufacture date	
SB #	Date	Next Due
Signature		Cert. #
<b>11-13-03</b>	07/13/11	MACHINING DEBRIS IN TURBOCHARGER CAVITIES/
Method of Compliance	NA by engine model	
SB #	Date	Next Due
Signature		Cert. #
<b>11-25-51</b>	12/28/11	SUPERSEDED BY AD 2012-10-13/
Method of Compliance		
SB #	Date	Next Due
Signature		Cert. #
<b>12-03-06</b>	02/24/12	AFS FUEL SERVO DIAPHRAGM/
Method of Compliance	NA by Avstar fuel system not installed	
SB #	Date	Next Due
Signature		Cert. #
<b>12-10-13</b>	06/08/12	STARTER ADAPTER SHAFT GEAR/
Method of Compliance	NA by starter adapter shaft has 532.0 hours since installation.	
SB #	Date	Next Due
Signature		Cert. #
<b>*14-05-29</b>	04/25/14	SUPERIOR AIR PARTS INVESTMENT CAST CYLINDER ASSEMBLIES/
Method of Compliance	NA by TCM cylinders installed	
SB #	Date	Next Due
Signature		Cert. #
<b>16-16-12</b>	09/15/16	ECI CLASS 71 OR CLASS 76 CYLINDER ASSEMBLY FAILURES/
Method of Compliance	NA by TCM cylinders installed	
SB #	Date	Next Due
Signature		Cert. #
<b>20-16-11</b>	09/21/20	CROSS-FLOW CYLINDER ASSEMBLIES INTEGRITY/
Method of Compliance	NA by engine model	
SB #	Date	Next Due
Signature		Cert. #

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Date 5-17-2024



# Airworthiness Directive Compliance Record

<b>22-04-04</b>	03/29/22	STC STRATUS OIL FILTER ADAPTER FIBER GASKET OIL LOSS/
Method of Compliance	NA by adapter PN not installed	
SB #	Date	Next Due
Signature		Cert. #
<b>22-16-03</b>	08/15/22	S-1200 SERIES MAGNETOS ROLLER BEARINGS IMPROPER
LUBRICATION/		
Method of Compliance	NA by date	
SB #	Date	Next Due
Signature		Cert. #
<b>23-02-12</b>	02/17/23	INTAKE VALVE FAILURES/
Method of Compliance	NA by SAP cylinders not installed	
SB #	Date	Next Due
Signature		Cert. #
<b>23-04-08</b>	02/23/23	SUPERSEDED BY AD 2023-05-16/
Method of Compliance		
SB #	Date	Next Due
Signature		Cert. #
<b>23-05-16</b>	03/15/23	IMPROPER INSTALLATION OF COUNTERWEIGHT RETAINING RINGS/
Method of Compliance	NA by date of remanufacture	
SB #	Date	Next Due
Signature		Cert. #
<b>23-17-04</b>	10/26/23	STC F&M OR STRATUS OIL FILTER ADAPTER FIBER GASKET OIL
LOSS/		
Method of Compliance	NA by neither F&M or Stratus adapters installed	
SB #	Date	Next Due
Signature		Cert. #

Prepared by TERENCE McKENNA

Date 5-17-2024

# Airworthiness Directive Compliance Record

AIRCRAFT RECORDS - DO NOT DESTROY

propeller

Company United Flight Services  
Manufacturer MCCAULEY INDUSTRIAL CORP.  
Model 3AF32C-505-C  
Location  
Tail # N5289D  
Serial # 941641  
Blade G-82NEA-5.5  
TSMOH 1034.7  
Total Time 1034.7

**83-13-06** 07/05/83 COUNTERWEIGHT BOLTS/

Method of Compliance NA by non feathering propeller

SB #

Date

Next Due

Signature

Cert. #

**03-13-17**

07/18/03

MAINTENANCE REPAIR BY T AND W PROPELLERS, INC./

Method of Compliance NA by no rework accomplished

SB #

Date

Next Due

Signature

Cert. #

**05-14-11**

08/17/05

MAINTENANCE AND REPAIR BY SOUTHERN CALIFORNIA

PROPELLER SERVICE/

Method of Compliance NA by no rework accomplished

SB #

Date

Next Due

Signature

Cert. #

**06-24-07**

01/03/07

INSPECTIONS AND REPAIRS BY CSE AVIATION/

Method of Compliance NA by no rework accomplished

SB #

Date

Next Due

Signature

Cert. #

Prepared by

TERENCE MCKENNA

Date

5-17-2024

# Airworthiness Directive Compliance Record

**AIRCRAFT RECORDS - DO NOT DESTROY**

**appliances**

Company United Flight Services  
Tail # N5289D

<b>74-26-09</b>	12/24/74	BENDIX MAGNETOS			
S-20, -200, -1200 SERIES MAGNETOS/ Method of Compliance PCW both magnetos					
SB #	Date	Next Due			Cert. #
Signature					
<b>*76-07-12</b>	08/30/77	BENDIX SWITCHES			
[R1] IGNITION SWITCHES/ Method of Compliance C/W by testing switch at engine shutdown					
SB #	Date	5-17-2024/1034.7		Next Due 1134.7	
Signature				Cert. # A&P 569948254	
<b>*82-13-01</b>	06/28/82	BENDIX MAGNETOS			
S-1200 DISTRIBUTOR BLOCK BUSHINGS/ Method of Compliance NA by date of remanufacture					
SB #	Date	Next Due			Cert. #
Signature					
<b>82-20-01</b>	06/14/83	BENDIX MAGNETOS			
VARIOUS MODELS - MAGNETO IMPULSE COUPLINGS/ Method of Compliance NA by no impulse coupling installed					
SB #	Date	Next Due			Cert. #
Signature					
<b>*84-26-02</b>	01/29/85	INDUCTION AIR FILTERS PAPER AIR FILTERS			
PAPER INDUCTION AIR FILTERS/ Method of Compliance NA by Brackett filter installed					
SB #	Date	Next Due			Cert. #
Signature					
<b>94-01-03 R2</b>	06/28/95	BENDIX MAGNETOS			
S-20, S-200, S-600, S-1200 SERIES MAGNETOS/ Method of Compliance NA by TCM dataplates on both magnetos					
SB #	Date	Next Due			Cert. #
Signature					

Prepared by TERENCE MCKENNA

Date 5-12-2024



# Airworthiness Directive Compliance Record

94-06-09

03/09/94

BENDIX  
MAGNETOS

SC-20, SC-200, S-1200 AND ADDITIONAL MODEL MAGNETOS/

Method of Compliance NA by LH magneto capacitor date code 94-30 RH magneto stamped E

SB #

Date

Next Due

Signature

Cert. #

\*05-12-06

07/19/05

BENDIX  
S-20, S-1200, D-2000, D-3000

RIVETED OR SNAP-RING IMPULSE COUPLINGS WITH MODEL CHANGES/

Method of Compliance NA by impulse couplers not installed

SB #

Date

Next Due

Signature

Cert. #

Prepared by TERENCE McKENNA

Date 3-17-2024