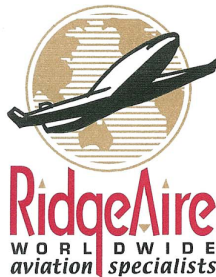


N53RD

1981 Cessna Citation I

Life Limit Report

MSN: 500-0415



Prepared by the worldwide aviation specialists at RidgeAire, Inc.



Life Limit / Overhaul Report

500 - MODEL 500

S/N 500-0415 N53RD

OWNER: TYLER PETROLEUM INC
ADDRESS: PO BOX 6543
TYLER TX 75711
OFFICE:
FAX:

OPERATOR: RIDGEAIRE INC
ADDRESS: 428 CR 1618 HANGAR #1
RUSK TX 75785
OFFICE: 903-586-1521
FAX:

OPERATOR: TYLER PETROLEUM INC
ADDRESS: PO BOX 6543
TYLER TX 75711
OFFICE:
FAX:

ANALYST: CLAYTON WAYMAN
EMAIL: CWAYMAN@CAMPSYSTEMS.COM

+1-316-462-2439 (DIRECT)
+1-631-588-3200 (MAIN)
WWW.CAMPSYSTEMS.COM

800-787-9749 (EFAX-CARDS)
631-980-4222 (EFAX-CARDS)

PLEASE REACH OUT TO YOUR ANALYST TO
RECORD CHANGES TO ADDRESS, LAST ACTUALS
(IF ANY).

AIRCRAFT SERIAL/REGNO: 500-0415/N53RD MODEL: 500 - MODEL 500 MANUFACTURER: TEXTRON AVIATION INC.

CERTIFICATION DATE: 19-NOV-1981

LAST ACTUALS:
7939.8 A/C HRS as of 01-APR-2025
7966 AFL as of 01-APR-2025
0 ACH as of 08-NOV-2019

ENGINE NO. 1 SERIAL/PART: PCE-77347/3018700 MODEL: JT15D-1/-1A/-1B/-4/-4B/-4D MANUFACTURER: PRATT & WHITNEY CANADA CORP.

INSTALLED ON: 10-NOV-1998
161 ENG. HRS 4977 A/C HRS
ENC

LAST ACTUALS:
6615.6 ENG. HRS as of 01-APR-2025
6455 ENC as of 01-APR-2025

ENGINE NO. 2 SERIAL/PART: PCE-76361/3018700 MODEL: JT15D-1/-1A/-1B/-4/-4B/-4D MANUFACTURER: PRATT & WHITNEY CANADA CORP.

INSTALLED ON: 06-MAR-2015
9466 ENG. HRS 7294 A/C HRS
8011 ENC

LAST ACTUALS:
10111.8 ENG. HRS as of 01-APR-2025
8608 ENC as of 01-APR-2025



Life Limit / Overhaul Report

Model: 500 - MODEL 500 Serial: 500-0415 RegNo: N53RD HRS: 7939.8 AFL: 7966 As Of: 01-Apr-2025

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PN & SN	Unit	C/W	Next Due (ENG/APU) A/C	Interval	TSX/Adj.	Time Accrued	Est. Due	Remaining ^	Disposition
212002 CABIN AFT OVERHEAD BLOWER									Component ATA:21
PN:BC61A901-2	MOS	12-Oct-18			TSO 0	77.9	21-Dec-2028		REPLACE
SN:2280-A	HRS	7828.5	8828.5	1000	TSO 0	111.3		888.7	
WC#: 21.210	AFL	7891			TSO 0	75			
PROC. REF: AMM 21-20-02PROC. REF: AMM 21-20-02									
215004 ENVIRONMENT CONTROL UNIT (HAMILTON STANDARD) (RECOMMENDED ECONOMIC OVERHAUL)									Component ATA:21
PN:738384-10	MOS	23-Aug-93				379.6	06-May-2027		OVERHAUL
SN:459	HRS	3437	8437	5000	TSO 0	4502.8		497.2	
WC#: 21.070	AFL								
PROC. REF: AMM 21-50-00PROC. REF: AMM 21-50-00									
243001 NO. 1 ENGINE STARTER/GENERATOR									Component ATA:24
PN:23080-001-1	MOS	21-Jul-18				80.6	26-Sep-2028		OVERHAUL
SN:281	HRS	7771.8	8771.8	1000	TSO 0	168		832	
WC#: 24.060	AFL	7848				118			
PROC. REF: GENERIC NO REFPROC. REF: GENERIC NO REF									
243001 NO. 2 ENGINE STARTER/GENERATOR									Component ATA:24
PN:23076-001-1	MOS	29-Sep-08				198.4	16-Sep-2025		OVERHAUL
SN:1965	HRS	7045	8045	1000	TSO 0	894.8		105.2	
WC#: 24.060	AFL								
PROC. REF: GENERIC NO REFPROC. REF: GENERIC NO REF									
275002 LEFT FLAP GEARBOX									Component ATA:27
PN:5565175-38	MOS	27-May-12				154.5	07-Nov-2034		OVERHAUL
SN:121911A	HRS	7240	10240	3000	TSO 0	699.8		2300.2	
WC#: 27.070	AFL	7404				562			
PROC. REF: GENERIC NO REFPROC. REF: GENERIC NO REF									
275002 RIGHT FLAP GEARBOX									Component ATA:27
PN:5565175-38	MOS	12-May-11			TSO 0	166.9	02-Nov-2034		OVERHAUL
SN:042297-1	HRS	7236.9	10236.9	3000	TSO 0	702.9		2297.1	
WC#: 27.070	AFL	7400			TSO 0	566			
PROC. REF: GENERIC NO REFPROC. REF: GENERIC NO REF									

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?-Insufficient Information S-Suppressed Requirement *-Estimated Due(New Requirement) (EFF)-Effective C/W (M)-Manual Due U-User Task Ex-Excluded Task



Life Limit / Overhaul Report

Model: 500 - MODEL 500 Serial: 500-0415 RegNo: N53RD HRS: 7939.8 AFL: 7966 As Of: 01-Apr-2025

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PN & SN	Unit	C/W	Next Due (ENG/APU) A/C	Interval	TSX/Adj.	Time Accrued	Est. Due	Remaining ^	Disposition
322009		LEFT MAIN GEAR ACTUATOR PIN						Component	ATA:32
PN:6527213-2	MOS	10-Jan-05				243	09-Feb-2221		LIFE LIMIT
SN:UNKNOWN	HRS	6374				1565.8			
WC#: 32.420	AFL	6588	43240	41600	TSN 4948	1378		35274	
PROC. REF: AMM 32-30-03PROC. REF: AMM 32-30-03									
322009		RIGHT MAIN GEAR ACTUATOR PIN						Component	ATA:32
PN:6527213-2	MOS	10-Jan-05				243	09-Feb-2221		LIFE LIMIT
SN:UNKNOWN	HRS	6374				1565.8			
WC#: 32.420	AFL	6588	43240	41600	TSN 4948	1378		35274	
PROC. REF: AMM 32-30-03PROC. REF: AMM 32-30-03									
322015		LEFT MAIN GEAR LOWER TORQUE LINK						Component	ATA:32
PN:5541304-11	MOS	10-Jan-05				243	15-Jan-2109		LIFE LIMIT
SN:2484	HRS	6374				1565.8			
WC#: 32.480	AFL	6588	23054	21400	TSN 4934	1378		15088	
PROC. REF: AMM 32-10-00PROC. REF: AMM 32-10-00									
323006		EMERGENCY GEAR AIR BOTTLE						Component	ATA:32
PN:212940-2	MOS	10-Mar-25	?	240	TSO 3	1		?	LIFE LIMIT
SN:642	HRS	7939.8				0			
WC#: 32.040	AFL	7966				0			
PROC. REF: GENERIC NO REFPROC. REF: GENERIC NO REF									
332004		NO. 1 CAN/AC/12R AND CAN/AC/12RGA SELF ILLUMINATED EXIT SIGN						Component	ATA:33
PN:PN	MOS	EFF	28-Feb-30 *	72	TSN 0		28-Feb-2030	1785 d	REPLACE
SN:UNKNOWN	HRS								
	AFL								
PROC. REF: AMM 12-30-00, AMM 12-30-00, AMM 12-30-00, AMM 12-30-00, AMM 12-30-00, AMM 12-31-00, AMM 12-31-00PROC. REF: AMM 12-30-00, AMM 12-30-00, AMM 12-30-00, AMM 12-30-00, AMM 12-30-00, AMM 12-31-00, AMM 12-31-00									
332004		NO. 2 CAN/AC/12R AND CAN/AC/12RGA SELF ILLUMINATED EXIT SIGN						Component	ATA:33
PN:PN	MOS	EFF	28-Feb-30 *	72	TSN 0		28-Feb-2030	1785 d	REPLACE
SN:UNKNOWN	HRS								
	AFL								
PROC. REF: AMM 12-30-00, AMM 12-30-00, AMM 12-30-00, AMM 12-30-00, AMM 12-30-00, AMM 12-31-00, AMM 12-31-00PROC. REF: AMM 12-30-00, AMM 12-30-00, AMM 12-30-00, AMM 12-30-00, AMM 12-30-00, AMM 12-31-00, AMM 12-31-00									

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Life Limit / Overhaul Report

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PN & SN	Unit	C/W	Next Due (ENG/APU) A/C	Interval	TSX/Adj.	Time Accrued	Est. Due	Remaining ^	Disposition
351006 OXYGEN CYLINDER									
PN:176176-76	MOS	04-Apr-24	30-Nov-42	288	TSN 65, TSR 0	12.2	30-Nov-2042	6443 d	LIFE LIMIT
SN:P505537	HRS				TSR 0				
WC#: 35.010	AFL				TSR 0				
PROC. REF: AMM 35-10-00PROC. REF: AMM 35-10-00									
712001 LEFT ENGINE AFT ISOLATOR MOUNT									
PN:LM420SA6	MOS	10-Nov-98				317	05-Jul-2027		OVERHAUL
SN:UNKNOWN	HRS	4977	8477	3500	TSN 0	2962.8		537.2	
WC#: 71.090	AFL								
PROC. REF: AMM 71-20-00PROC. REF: AMM 71-20-00									
712001 RIGHT ENGINE AFT ISOLATOR MOUNT									
PN:LM420SA6-1	MOS	01-Sep-07				211.3	04-Dec-2034		OVERHAUL
SN:2135	HRS	6758	10258	3500	TSO 0	1181.8		2318.2	
WC#: 71.090	AFL								
PROC. REF: AMM 71-20-00PROC. REF: AMM 71-20-00									
712002 LEFT ENGINE FORWARD BOTTOM ISOLATOR MOUNT									
PN:LM420SA5	MOS	10-Nov-98				317	05-Jul-2027		OVERHAUL
SN:UNKNOWN	HRS	4977	8477	3500	TSN 0	2962.8		537.2	
WC#: 71.100	AFL								
PROC. REF: AMM 71-20-00PROC. REF: AMM 71-20-00									
712002 LEFT ENGINE FORWARD TOP ISOLATOR MOUNT									
PN:LM420SA5	MOS	10-Nov-98				317	05-Jul-2027		OVERHAUL
SN:UNKNOWN	HRS	4977	8477	3500	TSN 0	2962.8		537.2	
WC#: 71.110	AFL								
PROC. REF: AMM 71-20-00PROC. REF: AMM 71-20-00									
712002 RIGHT ENGINE FORWARD BOTTOM ISOLATOR MOUNT									
PN:LM420SA5-1	MOS	01-Sep-07				211.3	04-Dec-2034		OVERHAUL
SN:3596	HRS	6758	10258	3500	TSO 0	1181.8		2318.2	
WC#: 71.100	AFL								
PROC. REF: AMM 71-20-00PROC. REF: AMM 71-20-00									

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Life Limit / Overhaul Report

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PN & SN	Unit	C/W	Next Due (ENG/APU) A/C	Interval	TSX/Adj.	Time Accrued	Est. Due	Remaining ^	Disposition
712002 RIGHT ENGINE FORWARD TOP ISOLATOR MOUNT									Component ATA:71
PN:LM420SA5-1	MOS	01-Sep-07				211.3	04-Dec-2034		OVERHAUL
SN:3640	HRS	6758	10258	3500	TSO 0	1181.8		2318.2	
WC#: 71.110	AFL								
PROC. REF: AMM 71-20-00PROC. REF: AMM 71-20-00									
723010 NO. 1 ENGINE - CENTRIFUGAL IMPELLER									Component ATA:72
PN:3032145	MOS	10-Nov-98				317	27-Jan-2036		LIFE LIMIT
SN:4B182	HRS	3653				2962.6			
	ENC	3195	(8400) 9922 (M)		TSN 3195	3260		1945	
	ACCCYC	0		8400	TSN 3195	3248		1957	
PROC. REF: GENERIC NO REFPROC. REF: GENERIC NO REF									
723010 NO. 2 ENGINE - CENTRIFUGAL IMPELLER									Component ATA:72
PN:3032070	MOS	25-Nov-02				268.5	14-Jun-2047		LIFE LIMIT
SN:9C770	HRS	8593				1518.8			
	ENC	7175	(12603) 11961 (M)		TSN 2972	1433		3995	
	ACCCYC	0		8400	TSN 2972	1421		4007	
PROC. REF: GENERIC NO REFPROC. REF: GENERIC NO REF									
723030 NO. 1 ENGINE - LOW PRESSURE COMPRESSOR HUB									Component ATA:72
PN:3018018	MOS	10-Nov-98				317	22-Aug-2074		LIFE LIMIT
SN:3H228	HRS	3653				2962.6			
	ENC	3195	(15347) 16869 (M)		TSN 3195	3260		8892	
	ACCCYC	0		27500	TSN 3195	6496		17809	
PROC. REF: EMM 72-30-03PROC. REF: EMM 72-30-03									
723030 NO. 2 ENGINE - LOW PRESSURE COMPRESSOR HUB									Component ATA:72
PN:3018018	MOS	25-Nov-02				268.5	03-Aug-2141		LIFE LIMIT
SN:454	HRS	8593				1518.8			
	ENC	7175	(29559) 28917 (M)		TSN 5116	1433		20951	
	ACCCYC	0		27500	TSN 5116	1421		20963	
PROC. REF: EMM 72-30-03PROC. REF: EMM 72-30-03									

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Life Limit / Overhaul Report

Model: 500 - MODEL 500 Serial: 500-0415 RegNo: N53RD HRS: 7939.8 AFL: 7966 As Of: 01-Apr-2025

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PN & SN	Unit	C/W	Next Due (ENG/APU) A/C	Interval	TSX/Adj.	Time Accrued	Est. Due	Remaining ^	Disposition
725010 NO. 1 ENGINE - HIGH PRESSURE TURBINE ROTOR DISK									Component ATA:72
PN:3118177-01	MOS	08-Jan-07				219.1	28-Feb-2067		LIFE LIMIT
SN:2K007	HRS	5288.5			TSN 5288.5	1327.1			
	ENC	5282	(14000) 15511 (M)		TSN 5282	1173		7545	
	ACCCYC	0		14000	TSN 5282	1161		7557	
PROC. REF: EMM 72-50-02PROC. REF: EMM 72-50-02									
725010 NO. 2 ENGINE - HIGH PRESSURE TURBINE ROTOR DISK									Component ATA:72
PN:3023411	MOS	25-Nov-02				268.5	17-Jul-2078		LIFE LIMIT
SN:5W897	HRS	8593				1518.8			
	ENC	7175	(18203) 17561 (M)		TSN 2972	1433		9595	
	ACCCYC	0		14000	TSN 2972	1421		9607	
PROC. REF: EMM 72-50-02PROC. REF: EMM 72-50-02									
725020 NO. 1 ENGINE - SECOND STAGE LOW PRESSURE TURBINE ROTOR DISK									Component ATA:72
PN:3022212	MOS	10-Nov-98				317	28-Feb-2067		LIFE LIMIT
SN:9H171	HRS	3653				2962.6			
	ENC	3195	(14000) 15522 (M)		TSN 3195	3260		7545	
	ACCCYC	0		14000	TSN 3195	3248		7557	
PROC. REF: GENERIC NO REFPROC. REF: GENERIC NO REF									
725020 NO. 2 ENGINE - SECOND STAGE LOW PRESSURE TURBINE ROTOR DISK									Component ATA:72
PN:3022212	MOS	25-Nov-02				268.5	17-Mar-2055		LIFE LIMIT
SN:812	HRS	8593				1518.8			
	ENC	7175	(14000) 13358 (M)		TSN 7175	1433		5392	
	ACCCYC	0		14000	TSN 7175	1421		5404	
PROC. REF: GENERIC NO REFPROC. REF: GENERIC NO REF									

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Life Limit / Overhaul Report

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PN & SN	Unit	C/W	Next Due (ENG/APU) A/C	Interval	TSX/Adj.	Time Accrued	Est. Due	Remaining ^	Disposition
725030	NO. 1 ENGINE - THIRD STAGE LOW PRESSURE TURBINE ROTOR DISK							Component	ATA:72
PN:3021213	MOS	10-Nov-98				317	28-Feb-2067		LIFE LIMIT
SN:8H754	HRS	3653				2962.6			
	ENC	3195	(14000) 15522 (M)		TSN 3195	3260		7545	
	ACCCYC	0		14000	TSN 3195	3248		7557	
PROC. REF: GENERIC NO REFPROC. REF: GENERIC NO REF									
725030	NO. 2 ENGINE - THIRD STAGE LOW PRESSURE TURBINE ROTOR DISK							Component	ATA:72
PN:3036113	MOS	25-Nov-02				268.5	17-Mar-2055		LIFE LIMIT
SN:858	HRS	8593				1518.8			
	ENC	7175	(14000) 13358 (M)		TSN 7175	1433		5392	
	ACCCYC	0		14000	TSN 7175	1421		5404	
PROC. REF: GENERIC NO REFPROC. REF: GENERIC NO REF									
725101	NO. 2 ENGINE - REPLACE HIGH TURBINE BLADES							Component	ATA:72
	MOS	25-Nov-02				268.5	10-Jul-2033		LIFE LIMIT
	HRS	8593	(12093) 9921	3500		1518.8		1981.2	
	ENC								
PROC. REF: GENERIC NO REFPROC. REF: GENERIC NO REF									

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