



Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	



**June 28, 2018**      **N45DM Engine**      **22.3 Flight Hobbs**  
**29.8 Hobbs**

C/W 25 hour inspection in accordance with Cirrus SR22 AMM.  
 Compression Check #1: 71, #2: 71, #3: 72, #4: 70, #5: 74, #6: 71  
 Drained Oil. Removed and Installed new Tempest AA48108-2 oil filter. Cut open old oil filter. Found satisfactory and without particles. Serviced engine with 7 quarts of Aeroshell W100 oil. Removed all spark plugs. Verified gap and spark check and reinstalled. Found all spring bolts loose on left hand exhaust ball joint. Tightened spring bolts on left hand exhaust ball joint per Cirrus AMM. Bore scoped all cylinders. Found all to be satisfactory. Per formed run up and leak check. All satisfactory at this time.

Trevor Moehl  
3554241 A&P.



PERSONALIZED SERVICE  
Customer Experience Redefined

ENGINE

Midwest Sky Sports  
1750 Speirs Drive  
Hangar 1  
Caro, MI 48723

Aircraft: N45DM      Tach: 41.2      TT:      **October 30, 2018**      SMOH:

**Summary Of Work Performed**

Drained oil, changed filter. Installed new CH48109-1 oil filter and serviced engine with 7qts Phillips 20w50XC oil. took sample for analysis Installed (1) Champion CH48109-1 - Champion CH48109-1. With respect to the work performed, this engine is approved for return to service.

Signed: *[Signature]*  
Kooi, Benjamin A&P IA 3154438

Engine Model: IO540-N      Date: Feb 6, 2019

Engine S/N: 1035649      Flight Time: 74.9

N45DM      Hobbs: 95.4

Changed oil: Drained oil replaced with with, 7 quarts of Phillips X/C 20W50, Ran engine leak check.

Checked all fluid levels. Return to service.

Don Mertke Owner

*[Signature]*



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Carried forward →

ENGINE MODEL: IO-550N68 ENGINE S/N: 1035649 REG. NO. N45DM WORK ORDER: 4909-04-2019		<b>Waterford Aviation, Inc.</b> 6548 Highland Rd Suite 900 Waterford, MI 48327 Phone: 248-724-2400	DATE: 03 May, 2019 A/C TSN: 100.7 ENG TT: 100.7 TSMOH: FLIGHTTIME: 100.7
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**Engine Entries**

Completed Annual Inspection in scope & detail of FAR 43 App D and using Cirrus SR22 Service Manual Checklist as a guide. Researched AD's thru bi-weekly 2019-09 - none due at this time. Performed differential compression check: #1 74 #2 77 #3 73 #4 76 #5 77 #6 76, all over 80 psi. MO 44/80. Performed borescope inspection of cylinders - no defects noted at this time. Lubricated engine controls as required. I certify that this Engine has been inspected in accordance with an Annual Inspection and has been found to be in Airworthy condition.

Drained oil and took sample to be evaluated at Blackstone Labs. removed oil filter. Cut filter open to inspect for contaminants, none found at this time. Installed new oil filter CH48109-1. Serviced engine with 7 qts Phillips X/C 20W50. Performed post maintenance run-up and leak check. No leaks noted at this time.

Replaced #1 intake rocker cover gasket with new, PN. 658735.

DATE: 03 May, 2019      SIGNED:   
Luke Hall, A&P 3695185

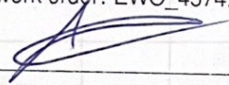
Work Order: 4909-04-2019  
Printed by EBis 3 (datcomedia.com)


wo: EWO\_4574      Lapeer Aviation · 810-664-6966 · CRS# L9PR971N  
Engine

page 1 of 1

**N45DM**  
Tach: 135.1      **November 5, 2019**

Performed oil and filter change. Serviced engine with 7qts Phillips 20W-50XC, 1 pint CamGuard and new AA48109-2 filter. With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Lapeer Aviation under work order: EWO\_4574.

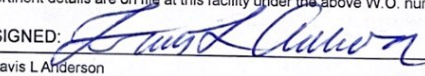
Jay Burton A&P / IA L9PR971N 

ENGINE MODEL: ENGINE S/N: REG. NO. N45DM WORK ORDER: VGT11724-02-2020		<b>Lone Mountain Aviation, Inc.</b> Repair Station No. L9OR473Y 2830 N. Rancho Dr. Suite A Las Vegas, NV 89130 Phone: (702) 309-2200	DATE: 2/27/2020 A/C TSN: 167.7 ENG TT: 167.7 FLIGHTTIME: 167.7
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**Engine Entries**

Changed oil and filter. Cut open filter and checked for metal, none found. Serviced with 7 qts. of Phillips 66 XC 20W-50. Oil sample taken. Engine run and leak check good.

The aircraft and/or component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.

DATE: 2/27/2020      SIGNED:   
Travis L Anderson  
Certified Repair Station No. L9OR473Y

Work Order: VGT11724-02-2020  
Printed by EBis 3 (datcomedia.com)

MAKE Cirrus Aircraft MODEL SR22 S/N 4634 REG. NO. N45DM WORK ORDER: 5568-03-2020		<b>Waterford Aviation, Inc.</b> 6548 Highland Rd Suite 900 Waterford, MI 48327 Phone: 248-724-2400	DATE: 06 March, 2020 A/C TSN: 174.2 FLIGHTTIME: 174.2
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**Airframe Entries**

Installed new #5 exhaust riser weldment, P/N. 15070-003 with new #1/3/5 exhaust gaskets, P/N. 652458. All work accomplished IAW Cirrus SR22 AMM, Chapter 78 and Continental M-O Standard Practices Manual.


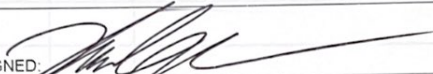
DATE: 06 March, 2020      SIGNED:   
Luke Hall, A&P 3695185


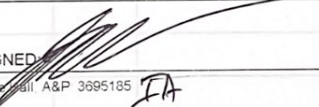
Work Order: 5568-03-2020  
Printed by EBis 3 (datcomedia.com)



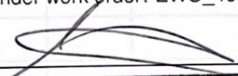
Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	

Carried forward →

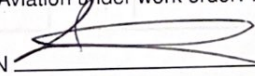
ENGINE MODEL: IO-550N68 ENGINE S/N: 1035649 REG NO. N45DM WORK ORDER: 5703-05-2020		<b>Waterford Aviation, Inc.</b> 6548 Highland Rd Suite 900 Waterford, MI 48327 Phone: 248-724-2400	DATE: 05 June, 2020 A/C TSN: 187.9 ENG TT: 187.9 TSMOH: FLIGHTTIME: 187.9
<b>Engine Entries</b>			
- Removed A/C accessory drive and replaced drive seal with new 25102. Reassembled with new gaskets. Leak check satisfactory.			
DATE: 05 June, 2020	SIGNED: 		Work Order: 5703-05-2020
	Karl Nelson, A&P 3525379		Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: IO-550N68 ENGINE S/N: 1035649 REG NO. N45DM WORK ORDER: 5703-05-2020		<b>Waterford Aviation, Inc.</b> 6548 Highland Rd Suite 900 Waterford, MI 48327 Phone: 248-724-2400	DATE: 05 June, 2020 A/C TSN: 187.9 ENG TT: 187.9 TSMOH: FLIGHTTIME: 187.9
<b>Engine Entries</b>			
- Completed Annual Inspection in scope & detail of FAR 43 App. D and using Cirrus SR22 Service Manual Checklist as a guide. Researched AD's thru bi-weekly 2020-11 - none due at this time. Performed differential compression check, #1, 73, #2, 75, #3, 72, #4, 72, #5, 70, #6, 76, MO, 47. Performed borescope inspection of cylinders. Lubricated engine controls as required. I certify that this Engine has been inspected in accordance with an Annual Inspection and has been found to be in Airworthy condition. - Drained oil took sample for evaluation by blackstone labs. Removed filter and inspected for contaminants, none found. Installed new AA48108-2 oil filter and serviced engine sump with 7 quarts Phillips 20W50XC and Camguard oil supplement per manufacturer recommendations - Adjusted high end fuel flow to spec.			
DATE: 05 June, 2020	SIGNED: 		Work Order: 5703-05-2020
	Luke Hill, A&P 3695185 IA		Printed by EBis 3 (datcomedia.com)

wo: EWO_4688	Engine - page 1 of 1
 Get Your Fix At LA!	
Lapeer Aviation · 1232 Roods Lake Rd. · Lapeer, MI 48446 · 810-664-6966 · CRS#: L9PR971N	

<b>N45DM</b> tach: 219.4	<b>December 4, 2020</b>
<ol style="list-style-type: none"> <li>1. Drained and change oil and filter, cut filter open no metal found.</li> <li>2. Serviced 7qts Phillips 20W50, along with cam guard.</li> </ol>	
With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Lapeer Aviation under work order: EWO_4688.	
Jay Burton A&P / IA L9PR971N 	

wo: EWO_4708	Airframe - page 1 of 1
 Get Your Fix At LA!	
Lapeer Aviation · 1232 Roods Lake Rd. · Lapeer, MI 48446 · 810-664-6966 · CRS#: L9PR971N	

<b>N45DM</b> tach: 256.7	<b>CIRRUS DESIGN CORP, SR22, S/N: 4634</b>	<b>March 22, 2021</b>
<ol style="list-style-type: none"> <li>1. Drained and changed oil and filter, serviced 7qts Phillips 20W50XC, 1/2 Cam Guard added.</li> <li>2. Cut open old filter, no metal found.</li> </ol>		
With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Lapeer Aviation under work order: EWO_4708.		
Jay Burton A&P / IA L9PR971N 		



Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	

Carried forward

ENGINE MODEL: 10550N68  
 ENGINE S/N: 1035649  
 REG NO: N45DM  
 WORK ORDER: 6872-06-2021

**Waterford Aviation, Inc.**  
 8548 Highland Rd  
 Suite 900  
 Waterford, MI 48327  
 Phone: 248-724-2400

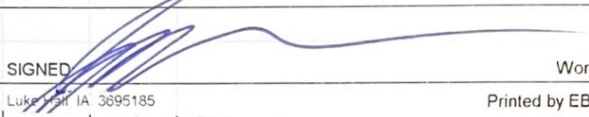
DATE: 08 July, 2021  
 A/C TSN: 265 1  
 ENG TT: 265 1  
 TSMOH:  
 FLIGHTTIME: 265 1

**Engine Entries**

Completed Annual Inspection in scope & detail of FAR 43 App. D and using Cirrus SR22 Service Manual Checklist as a guide. Researched AD's thru bi-weekly 2021-14. Performed differential compression check. #1 70 #2 74 #3 71 #4 70 #5 74 #6 74 all over 80 PSI. Performed borescope inspection of cylinders. Lubricated engine controls as required. I certify that this Engine has been inspected in accordance with an Annual Inspection and has been found to be in Airworthy condition.

Drained oil and took sample for evaluation by Blackstone Labs. Removed filter and inspected for contaminants, none found. Installed new oil filter, P/N AA48108-2 and serviced engine with 7 quarts Phillips 20W50XC and 11oz of Camguard per manufacturers recommendation.

DATE: 08 July, 2021

SIGNED:   
 Luke Wolf, IA: 3895185

Work Order: 6872-06-2021  
 Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: 10550N68B  
 ENGINE S/N: 1035649  
 REG NO: 45DM  
 WORK ORDER: 2168-09-2021

**East Coast Aviation Service, Inc.**  
 Repair Station No. 9ESR403B  
 2356 SE Liberator Lane  
 Ste 203  
 Stuart, FL 34996  
 Phone: 772 781 0610

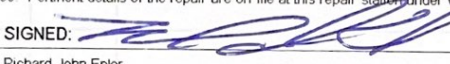
DATE: 9/3/2021  
 A/C TSN: 326 9  
 ENG TT: 326 9  
 TSMOH:  
 HOBBS: 398

**Engine Entries**

(1) Completed 50 HR Inspection checklist table 6-28 IAW Continental Maintenance manual M-0, oil drained and oil sample taken, removed oil filter and cut open no contamination noted, replaced oil filter with Tempest AA48108-2 and serviced engine with 8 qts of Phillips X/C 20W-50, engine cleaned and operational check performed.

The aircraft and/or component(s) on 45DM was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. \*Pertinent details of the repair are on file at this repair station under Work Order No. 2168-09-2021

DATE: 9/3/2021

SIGNED:   
 Richard John Epler  
 Certified Repair Station No. 9ESR403B

Work Order: 2168-09-2021  
 Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: 10550N68B  
 ENGINE S/N: 1035649  
 REG NO: 45DM  
 WORK ORDER: 2190-09-2021

**East Coast Aviation Service, Inc.**  
 Repair Station No. 9ESR403B  
 2356 SE Liberator Lane  
 Ste 203  
 Stuart, FL 34996  
 Phone: 772 781 0610

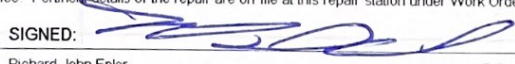
DATE: 10/6/2021  
 A/C TSN: 365 3  
 ENG TT: 365 3  
 TSMOH:  
 HOBBS: 443 7

**Engine Entries**

(1) Completed 50 HR Inspection checklist table 6-28 IAW Continental Maintenance manual M-0, oil drained and oil sample taken, removed oil filter and cut open no contamination noted, replaced oil filter with Tempest AA48108-2 and serviced engine with 8 qts of Phillips X/C 20W-50, engine cleaned and operational check performed.

The aircraft and/or component(s) on 45DM was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. \*Pertinent details of the repair are on file at this repair station under Work Order No. 2190-09-2021

DATE: 10/6/2021

SIGNED:   
 Richard John Epler  
 Certified Repair Station No. 9ESR403B

Work Order: 2190-09-2021  
 Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: 10550N68B  
 ENGINE S/N: 1035649  
 REG NO: 45DM  
 WORK ORDER: 2228-11-2021

**East Coast Aviation Service, Inc.**  
 2356 SE Liberator Lane  
 Ste 203  
 Stuart, FL 34996  
 Phone: 772 781 0610

DATE: 11/3/2021  
 A/C TSN: 403 8  
 ENG TT: 403 8  
 TSMOH:  
 HOBBS: 488 9

**Engine Entries**

(1) Replaced alternator #1 brush block assembly P/N ALE3045BS.

The aircraft and/or component(s) on 45DM was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. \*Pertinent details of the repair are on file at this repair station under Work Order No. 2228-11-2021

DATE: 11/3/2021

SIGNED:   
 Richard John Epler, A&P: 3104910

Work Order: 2228-11-2021  
 Printed by EBis 3 (datcomedia.com)

