

AIRCRAFT LOG
AF5-1

AIRCRAFT DESCRIPTION

MANUFACTURER Genesis Design MODEL SR-20 DATE OF MFG. Oct 2003

SERIAL NUMBER 1364 REGISTRATION NUMBER N80746

REGISTERED OWNER _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

OPERATOR _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

REGISTERED OWNER _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

OPERATOR _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

Inspection Status

[Check one]

F.A.R. 91.409 ANNUAL/100 HOUR

F.A.R. 91.409 PROGRESSIVE

F.A.R. 135.419 A.T.C.O.

OTHER

DATE ENTERED _____

MAINTENANCE RESPONSIBILITY _____

INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	CoolTeeDial Motors	Eo 360E56B	367633
ENGINE			R
PROPELLER	Mantzell Propeller Inc.	PKE-3392-125	L
PROPELLER		F7392-1	R
ENGINE			L
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PROPELLER			
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ENGINE			
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PROPELLER			
PROPELLER			

LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

NAME OF PART	PART NUMBER	SERIAL NUMBER	INSTALLATION DATE/HOURS	TIME ON PART AT INSTALL.	LIFE LIMIT OR T.B.O.	REMOVAL DATE/HOURS	AGENCY CERT. NO.
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Life Limited Parts SR20

PART NAME	PART NUMBER	S/N	EXPIRES		
CAPS Rocket Motor	15047-001	S/N 1075	09/2013		
CAPS Parachute	15046-001	S/N 03571	08/2013	08/2013	712024
CAPS Reefing Line Cutters	5212	RESERVED 002 LOT 015	05/2009	11/2016	
ELT Batteries	MN1300	Date Installed 09/2003 01/2010	03/2010	03/2017	

NTS

AGENCY
CERT. NO.

AIRWORTHINESS DIRECTIVE / FACTORY BULLETIN COMPLIANCE RECORD

A.D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
		11.01.05 6.2 hrs	Searched AD's through bi-weekly issue <u>2005-20</u> . All AD's are in compliance at this time.			<i>Evan W. Hunter</i> (MEG 115)
2X-57-05	AILERON LINKS	10-7-05 206.5	INSPECTION + KIT 70105-001	1 TIME		<i>Way C</i> A+P 484 960 270 IA
2X-53-02	BAGGAGE STRAPS	11-11	INSTALLED KIT 70109-601	1 TIME		
2X-32-11	NOSE STRUT	11-11	INSPECTION	REPLACEMENT OF STRUT REQUIRED IF NOT AVAILABLE		<i>Way C</i> A+P 484 960 270 IA
AD 2005-17-19	SCATS	PCW	SS2X-25-06 2X-25-08	SEE LOG ENTRY 16-20-04		
2X-32-11	NOSE STRUT	11-11-05	REPLACED STRUT	1 TIME	w/1A	

CORD

ALTIMETER & STATIC SYSTEM CHECKS F.A.R. 91.411

DATE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROVED BY AGENCY	CERTIFIED
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I certify that the altimeter, static system, transponder, and altitude reporter test required by FAR's 91.411, 91.413, & 91.217 have been preformed and found within the limits of FAR 43 appendices E & F and AC 43-6A.

TESTED TO 17,500 **FEET ON** 9-30-03

Transponder: Mfg Garmin P/N 13587-050


Model: GTX-327 S/N 83714718

Encoder: Model ACK P/N A-30 S/N 86107

Altimeter: Mfg Avidyne

(PFD) 15222-001 S/N D1330

Mfg United P/N 12731-002 S/N 432793

CDC Quality Assurance  on 9/30/03

Cirrus Design Corporation Duluth, MN USA

PC# 338CE

Ado 10
ALTIMETER SCALE CORRECTION CARD

ALTIMETER READS	ADD ALGEBRAICAL
-1000	
0	
500	
1000	
1500	
2000	-28
3000	-28
4000	-38
6000	-78
8000	-78
10000	-78
12000	-68
14000	-58
16000	-58
18000	-58
20000	-108
22000	
25000	
30000	
35000	

Date *10/17/15* Altimeter S/N *D1338*
 Hap's Air Service, Inc. CRS # CRJR975C

CRJ-750
ALTIMETER SCALE CORRECTION CARD

ALTIMETER READS	ADD ALGEBRAICAL
-1000	
0	
500	
1000	
1500	
2000	
3000	
4000	
6000	
8000	
10000	-48
12000	-48
14000	-48
16000	-48
18000	-68
20000	-98
22000	-118
25000	
30000	
35000	

Date *10/17/15* Altimeter S/N *432713*
 Hap's Air Service, Inc. CRS # CRJR975C

10/16/07 HOB
 I CERTIFY THAT THE
 HAVE BEEN TESTED A
 WERE FOUND TO BE
 FOUND TO COMPLY
 20,000 FEET

ALTIMETER #1
 ALTIMETER #2
 TRANSPONDER #
 ENCODER #1

DETAILS OF T
 REFERENCED V

SIGNED *B*
EAGLE

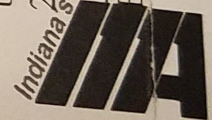
RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY SIGNATURE
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Altimeter United S/N A32793		Aircraft
Altimeter, Avidyne PFD S/N D1330		-1005
Test Equipment Tolerance		0
0	20	0
500	20	490
1,000	20	980
1,500	20	1480
2,000	25	1990
3,000	30	2995
4,000	30	4000
6,000	35	5975
8,000	40	7970
10,000	60	9970
12,000	80	11990
14,000	90	13960
16,000	100	15990
18,000	110	17980
20,000	120	19990
22,000	130	-----
25,000	140	-----
30,000	155	-----
35,000	180	-----
	205	-----

I Certify that the altimeter and static
 System tests required by FAR 91.411 have
 been performed. The Altimeter was tested to
 20,000 Feet 3/16/15 W. O. 8150

Ed Hobelman
 Ed Hobelman CRS MYNR748K



MONTGOMERY Aviation, Inc.
 11329 East State Road 32
 Zionsville, IN 46077
 317-769-4487

Certified Repair Station No. MYNR748K


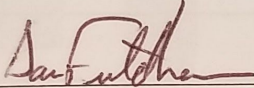
Appendix E,
 in accordance with
 FAR 91.411 and/or

CHECKED BY SIGNATURE

DATE

MAINTENANCE RECORD

F.A.R. 43.9

T. NO.	DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		MAKE: Cirrus MODEL: SR20 S/N: 1364 REG. NO: 80746 WORK ORDER: 381-10-2003	 Cirrus Design Factory Service Center 4515 Taylor Circle Duluth, MN 55811 Repair Station No. YD5R855Y	DATE: 10/19/2003 TTA: 20.40 HOBBS: 20.40
			Airframe Entries (1) Addressed minor cosmetic discrepancies IAW mm chapters 12-20,51-30 and standard maint. practices.... I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved/ disapproved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y.	
	DATE: 10/19/2003		SIGNED:  Dave Fieldhammer Certified Repair Station No. YD5R855Y	WORK ORDER: 381-10-2003 Printed by EBis (http://www.datcomedia.com)
			1	

DATE NO.
ED TO SERVICE

*System
check*

MAINTENANCE RECORD F.A.R. 43.9

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WISCONSIN AVIATION FOUR LAKES, INC.

N# 80746

DESCRIPTION OF WORK DONE:

Updated software to Garmin GTX-327 s/n 83714718. Updated software to version 2.07.
 Reinstalled GTX-327 s/n 83714718. GTX-327 ops check good in accordance with Garmin
 service bulletin #0402 and FAR 43 Appendix F. Complied with Garmin service bulletin
 #0308 and #0309 for GNS-430 #1 and #2. Tested units and found to meet manufacturer's
 specs.

-----END-----

The aircraft component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details are on file at this agency under the following work number.

DATE: 6/19/04 HOBBS: 91.4 W.O.# 4541 SIGNED: *Jan Walsh*

3606 Corben Ct. - Madison, WI 53704 - CSR No. DBKR124D
(608) 268-5006 (608) 268-5038 FAX

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO WORK PERFORMED/RETURNED TO SERVICE
		<p>Date: 10/20/2004, Aircraft: N80746, Type: CIRRUS SR20, S/N: 1364, Hobbs: 121.8, Total Time: 121.8 COMPLIED WITH ANNUAL INSPECTION ACCORDING TO CIRRUS SERVICE MANUAL CHECKLIST. REMOVED INTERIOR AND ALL INSPECTION COVERS. SERVICED AIRCRAFT BATTERY. TESTED ELT IAW FAR 91.207, BATTERY DUE MARCH 2010. CLEANED AND PACKED ALL WHEEL BEARINGS. SERVICED BRAKE RESERVOIRS. INSPECTED FUEL FILTER FOR CONTAMINANTS. NONE FOUND. REINSTALLED ALL REMOVED COMPONENTS. COMPLIED WITH S.B 2X-25-06R1 BY INSTALLING KIT P/N 70084-001. COMPLIED WITH S.B 2X-25-08 CREW SEAT BREAK-OVER BOLT ADJUSTMENT. COMPLIED WITH S.B. 2X-27-08R1 BY INSTALLING KIT P/N 70067-002. COMPLIED WITH S.B 2X-55-10 BY INSTALLING KIT P/N 70070-001. COMPLIED WITH S.B. 2X-95-07 BY INSTALLING KIT P/N 70068-001. RESEARCHED ALL AD'S TO THIS DATE. I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. RICHARD A. MIKLA IA 397465365</p> <p style="text-align: right;"><i>Richard A. Mikla</i> PAP 397465365 IA</p>	

MAKE: Cirrus
 MODEL: SR-20
 S/N: 1364
 REG. NO: N80746
 WORK ORDER:
 769-01-2005



Twin Cities Aviation, Inc.
 8891 Airport Rd #A-2
 Blaine, Minnesota 55449
 Phone: 763-784-9165

DATE: 1/20/2005
 A/C TSN: 139.6
 TACH:

Airframe Entries


C/W with SB2X-34-06 (XM weather) by installing kit p/n 70089-001. All operational and function testing satisfactory. Updated weight and balance as required.---C/W SB 2X-25-05R1 (Amsafe SB 504907-25-02) by installing kit #70064-002. No further action is required.---C/W SB 2X-28-03 (Fuel selector valve extension shaft sleeve install) by installing kit #70097-001. No further action is required.

The aircraft, airframe, engine, propeller, or appliance above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

DATE: 1/20/2005 SIGNED: *Scott Welter* Work Order: 769-01-2005
 Scott Welter, A&P: 477682962 Printed by EBis 3 (datcomedia.com)

CERTIFICATE NO.
RETURNED TO SERVICE

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84-001. COMPLIED
STALLING KIT P/N
7 BY INSTALLING
PECTED IAW AN
A 397465365

DLK 
AVIATION, INC.

2601 Cessna Lane Kennesaw, GA 30144 770-427-4954
LOG ID# 6128 04-March-2005 WO# 5123
N80746 S/N 1364 CIRRUS SR20
AC TT 156.2 HOBBS 156.2

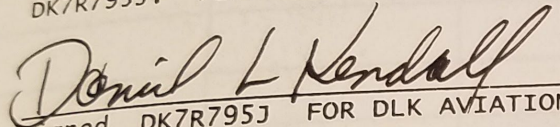
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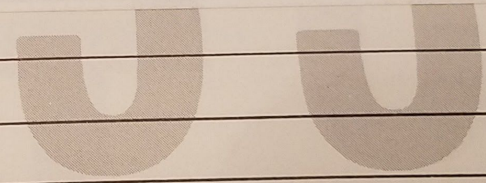
CIFICATE NO.
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*** AIRCRAFT LOG BOOK ***

C/W SB 2X-25-07R1 BY INSTALLING KIT P/N 70076-001-8013. ALL WORK PERFORMED IN ACCORDANCE WITH CIRRUS DESIGN AIRCRAFT SPECIFICATION.

MAINTENANCE RELEASE.
THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER WO# AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.


Signed DK7R795J FOR DLK AVIATION, INC.



MAINTENANCE RECORD

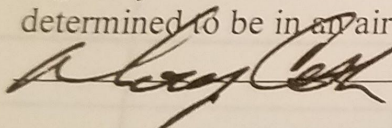
F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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Classic Aviation, Inc. 2119 Airport Road, Pella, IA 50219

Date:	10-07-2005	Logbook Entry for:	N80746
Tach Time:	205.5	Aircraft Serial Number:	1364
Total Time:	205.5		


Annual Inspection. Performed inspection in accordance with Cirrus Design inspection checklist M.M. 5-20 and operational checklist Cirrus M.M. 5-30. Checked all controls and cables. Removed exhaust and inspected, found ok. Tested the ELT in accordance with FAR 91.207 (d) and found to operate properly (battery replacement date March 2010). Pilot reported autopilot VS does not always capture, purged static system IAW A.M.M. 34-10 B(3). Greased all wheel bearings and checked brakes. Installed new rebound bumpers p/n 14020-001 on nose strut. Found corrosion on inside of nose wheel axle, replaced with new axle p/n 10024-003. Installed new Brackett induction air filter element p/n BA-24. Replaced white and red nav lamps on left wing p/n 34-0428070-64 & W1290-28. Installed new #2 batteries p/n 50979-001. Complied with the following SB's: SB 2X-57-05R by inspecting aileron bearings and installing kit 70105-001, SB 2X-32-11 by visually inspecting nose landing gear strut, no cracks found at this time. Checked all applicable AD's and updated list in aircraft records. Complied with the following AD: AD2005-17-19 was previously complied with in accordance with SB 2X-25-06 & SB 2X-25-08 see log entry 10-20-2004. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

 Doug Cash A&P 484960270 IA

Classic Aviation, Inc. 2119 Airport Road, Pella, IA 50219

Date:	11-11-2005	Logbook Entry for:	N80746
Tach Time:	222	Aircraft Serial Number:	1364
Total Time:	222		

Complied with SB 2X-32-11 replacing nose gear strut with Cirrus kit 70082-900.

 Doug Cash A&P 484960270 IA

MAINTENANCE RECORD

F.A.R. 43.9

CERTIFICATE NO.
RETURNED TO SERVICE

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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Classic Aviation, Inc.		501 West 15 th Street, Pella, IA 50219	
Date:	07-26-2006	Logbook Entry for:	N80746
Tach Time:	264.5	Aircraft Serial Number:	1364
Total Time:	264.5		

Complied with **SB 2X-28-04** and **AD 2006-07-06** by inspecting fuel lines for chafing, found none, and installing kit 70133-001 in accordance with SB. *Doug Cash* Doug Cash A&P 484960270 IA

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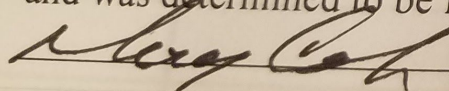
F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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Classic Aviation, Inc. 501 West 15th Street, Pella, IA 50219

Date:	09-28-2006	Logbook Entry for:	N80746
Hobbs Time:	274	Aircraft Serial Number:	1364
Total Time:	274		

Annual Inspection. Performed inspection in accordance with Cirrus Design inspection checklist M.M. 5-20 and operational checklist Cirrus M.M. 5-30. Checked all controls and cables. Removed exhaust and inspected, found ok. Tested the ELT in accordance with FAR 91.207 (d) and found to operate properly (battery replacement date March 2010). Greased all wheel bearings and checked brakes. Installed new Brackett induction air filter element p/n BA-24. Installed new landing light cover p/n 14526-003. Sanded inspected and refinished top of wings and top of horizontal stabilizer due to hail damage, only cosmetic damage found (all work done IAW Cirrus A.M.M chap 51 standard practices). Repaired cracks in paint on LH side by "N" numbers 4 & 6 and body filler cracks on top of fuselage at F.S. 250. Top coat paint used PPG p/n DUHS92813 "Cirrus White". Installed the following new flight controls, painted and balanced by Cirrus Design: Aileron Assy RH p/n 10758-108 s/n 3594, Aileron Assy LH p/n 10758-107 s/n 3981, Flap Assy RH p/n 10377-010, Flap Assy LH p/n 10377-009 s/n 3926, Elevator Assy LH p/n 13760-001 s/n 3772, Elevator Assy RH p/n 13760-002 s/n 4034, all parts received on Cirrus Invoice# 71652. Checked rigging of all controls. Leading edge gap inspection of ailerons IAW A.M.M. chap 57-50 was completed and values were verified with Cirrus technical support for return to service. Complied with the following service bulletins: SB 2X-25-17R1 by installing new breakover pins in crew seats kit p/n 70130-001, SB 2X-32-14R1 by modifying MLG wheel fairings and installing kit p/n 70144-001, SB 2X-57-06R1 by replacing cracked inboard flap hinge fairings kit p/n 70144-001. Checked all applicable AD's and updated list in aircraft records. Complied with the following AD: AD2006-07-06 was previously complied with by inspecting fuel lines for chafing (none found) and installing anti-chafe kit. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

 Doug Cash A&P 484960270 IA

NO. TO SERVICE

05/18/07 HOBBS: 385.3 N80746 SR20 S/N 1364 W.O. W19407W
COMPLIED WITH SB2X-95-09R1 BY INSPECTING AND INSTALLING KIT# 70142-001 IN ACCORDANCE WITH
SB2X-95-09R1 INSTRUCTIONS. COMPLIED WITH SBAX2-95-10R2 BY INSPECTING AND INSTALLING KIT#
70181-002 IN ACCORDANCE WITH SBA2X-95-10R2 INSTRUCTIONS; NO DAMAGE FOUND.

CERTIFICATE NO.
RETURNED TO SERVICE

THE MAINTENANCE OPERATIONS DESCRIBED HEREIN WERE INSPECTED AND, WITH RESPECT TO THE
WORK PERFORMED, THE AIRCRAFT AND/OR COMPONENTS WAS FOUND AIRWORTHY AND IS
APPROVED FOR RETURN TO SERVICE FOR DISCREPANT ITEMS LISTED. DETAILS ARE ON FILE UNDER
THE ABOVE REFERENCED WORK ORDER.

SIGNED *John [Signature]* FOR
**EAGLE CREEK AVIATION SERVICES, INC. - FAA CERTIFICATED
REPAIR STATION MV5R055N**

05/24/07 HOBBS: 385.3 N80746 SR20 S/N 1364 W.O. P19396W
COMPLIED WITH SB2X-27-14 RUDDER AILERON INTERCONNECT MODIFICATION BY INSTALLING
HARDWARE KIT P/N 70187-001. COMPLIED WITH SB2X-52-04R1 BY INSTALLING KIT P/N 70167-001.
REMOVED #1 ALTERNATOR P/N ES4024LP; S/N D071006 AND INSTALLED OVERHAULED #1 ALTERNATOR
P/N ES4024LP; S/N D071006 (AEROTECH OF LOUISVILLE CRS# PU4R453M WORK ORDER 86858 DATED 5-22-
07). PERFORMED IRU CALIBRATION. INSTALLED NEW #2 FIELD CONTROL MODULE P/N 14605-010.
UPDATED MFD SOFTWARE TO 6.2.1 PER AVIDYNE SB601-00004-030 BY INSTALLING NEW FLASH CARD
KIT P/N 850-00013-315. RIGGED RUDDER AILERON INTERCONNECT. COMPLIED WITH GROUND RUN AND
LEAK CHECKS; ALL CHECKS SATISFACTORY AT THIS TIME.

THE MAINTENANCE OPERATIONS DESCRIBED HEREIN WERE INSPECTED AND, WITH RESPECT TO THE
WORK PERFORMED, THE AIRCRAFT AND/OR COMPONENTS WAS FOUND AIRWORTHY AND IS
APPROVED FOR RETURN TO SERVICE FOR DISCREPANT ITEMS LISTED. DETAILS ARE ON FILE UNDER
THE ABOVE REFERENCED WORK ORDER.

SIGNED *[Signature]* FOR
**EAGLE CREEK AVIATION SERVICES, INC. - FAA CERTIFICATED
REPAIR STATION MV5R055N**