



AEROSPACE®

PACKING LIST

REF: PROCEDURE 15-3

Champion Aerospace LLC

Liberty, SC 29657-0686

Phone:

Fax:



S.O./SHIPMENT NUMBER

SHIPMENT DATE

PAGE

512827-00-001

1/27/17

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MARSHALL MURRAY/ROB HOLLAND
SKY DYNAMICS CORP.
MONETA, VA 24121
VIRGINIA-USA

CUSTOMER P.O. >
F.O.B. > FOB - SHIPPING POINT
TERMS > PREPAID - DO NOT ADD
SHIP VIA > UPS (GROUND)
ROUTE >
SALESPERSON > KAREN BLACK
TRUCK ID >
DRIVER ID >

CUSTOMER MESSAGES

LINE	PART NUMBER	DESCRIPTION	SHIP QUANTITY	U/M	
001	M2960U	HARNESS 6 SLCK 5/8 RH CCW BLUE ECCN#: 9A991.D Schedule B: 8544.30.0000 No License Required(NLR)	1	EA	Country of Origin USA
002	M2959U	HARNESS 6 SLCK 5/8 LH CCW BLUE ECCN#: 9A991.D Schedule B: 8544.30.0000 No License Required(NLR)	1	EA	Country of Origin USA
003	REM37BY	FAA RECIP PLUG - PACKED ECCN#: 9A991.D Schedule B: 8511.10.0000 No License Required(NLR)	60	EA	Country of Origin USA
004	6355	FAA MAGNETO,IMPULSE CPLD LH ROT, 45 DEG LAG ECCN#: 9A991.D Schedule B: 8511.20.0000 No License Required(NLR)	1	EA	Country of Origin USA
005	6351	FAA MAGNETO,IMPULSE CPLD LH ROT, 35 DEG LAG ECCN#: 9A991.D Schedule B: 8511.20.0000 No License Required(NLR)	1	EA	Country of Origin USA
006	SS1001	*FAA* SLICKSTART (FOR USE SLICK MAGS) ECCN#: 9A991.D Schedule B: 8511.20.0000 No License Required(NLR)	1	EA	Country of Origin USA
TOTAL			65		



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MONETA, VA 24121
VIRGINIA-USA

CUSTOMER P.O.

F.O.B.

TERMS

SHIP VIA

ROUTE

SALESPERSON

TRUCK ID

DRIVER ID

FOB - SHIPPING POINT
PREPAID - DO NOT ADD
UPS (GROUND)

KAREN BLACK

CUSTOMER MESSAGES

LINE	PART NUMBER	DESCRIPTION	SHIP QUANTITY	U/M



AEROSPACE

CERTIFICATE OF CONFORMANCE

Champion Aerospace LLC

Liberty, SC 29657-0686

Phone:

Fax:



S.O./SHIPMENT NUMBER

SHIPMENT DATE

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T MONETA, VA 24121
O VIRGINIA-USA

CUSTOMER P.O.



LINE	PART NUMBER	DESCRIPTION	SHIP QUANTITY	U/M	
001	M2960U	HARNESS 6 SLCK 5/8 RH CCW BLUE ECCN#: 9A991.D Schedule B: 8544.30.0000 No License Required(NLR)	1	EA	Country of Origin USA
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005	6351	FAA MAGNETO,IMPULSE CPLD LH ROT, 35 DEG LAG ECCN#: 9A991.D Schedule B: 8511.20.0000 No License Required(NLR)	1	EA	Country of Origin USA
006	SS1001	*FAA* SLICKSTART (FOR USE SLICK MAGS) ECCN#: 9A991.D Schedule B: 8511.20.0000 No License Required(NLR)	1	EA	Country of Origin USA
TOTAL			65		

This is to certify, subject only to authorized exception, that all processing and material used in the manufacture of subject parts conforms with drawings, specifications, and quality clauses as required by the purchase contract. Records of functional tests and inspections are on file and are available for examination.



CERTIFICATE OF CONFORMANCE

Fax:



2

B	NCS
I	NO CHARGE
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T	
Q	USA - OTHER

S NCS7
H MARSHALL MURRAY/ROB HOLLAND
I SKY DYNAMICS CORP.
P [REDACTED]
T MONETA, VA 24121
O VIRGINIA-USA

CUSTOMER P.O.	
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This is to certify, subject only to authorized exception, that all processing and material used in the manufacture of subject parts conforms with drawings, specifications, and quality clauses as required by the purchase contract. Records of functional tests and inspections are on file and are available for examination.

Quality Manager:

Date: 1/27/17

Designated Release Agent:
(Only if Required)

PACKING LIST

Shipment Number: 278638

Shipment Date: 02/16/17

Page: 1

Bill

To: Sky Dynamics Corp
Marshall Murray
[REDACTED]
Moneta, VA 24121
UNITED STATES

Ship

To: Sky Dynamics Corp
Marshall Murray
[REDACTED]
Moneta, VA 24121
UNITED STATES

Ship Via UPS Ground

Customer ID [REDACTED]
P.O. Number [REDACTED]
P.O. Date 02/16/17
Sales Order No. [REDACTED]
SalesPerson Natalie Long

Item No.	Description	Serial No.	Shipped	Ordered	Back Ordered
SA652541	NUT		25	25	
652421	NUT-.375-24 FLANGED NUT-.375-24 FLANGED		25	25	



Packing Slip

524245

Superior Air Parts
Suite 100
Coppell TX 75019-3805

Customer number [REDACTED]	Order date 02/15/17	Print date 2/15/17
-------------------------------	------------------------	-----------------------

Invoice address AIR POWER INC [REDACTED] ARLINGTON TX 76018	Delivery address AIR POWER INC [REDACTED] ARLINGTON TX 76018
--	---

Order number 1328617SALES ORDER	Terms of payment [REDACTED]	Your order number 204300
------------------------------------	--------------------------------	-----------------------------

Our reference	Your reference
---------------	----------------

Manner of transport FED EX GROUND SERVICE	Terms of delivery F.O.B. - Superior	Goods mark
--	--	------------

Product	Quantity	Unit	Del.date	Whs	Pick list
---------	----------	------	----------	-----	-----------

SA1000 P05	12	EA	02/15/17	TX1	108768	1
------------	----	----	----------	-----	--------	---

Lot: D160107743

SL75061	12	EA	02/15/17	TX1	108768	2
---------	----	----	----------	-----	--------	---

Lot: B170113623

SL-STD-2209	2	EA	02/15/17	TX1	108768	3
-------------	---	----	----------	-----	--------	---

Lot: E130089566

CYLINDERS MUST BE SHIPPED IN BALANCED SETS PISTON WEIGHT
WITHIN 3 GRAMS +/-

***** 8130'S REQUIRED *****

*** CERTIFICATE OF CONFORMANCE ***
It is hereby certified that the Superior Air Parts, Inc. products listed on
this order conform to all applicable requirements of Superior Air Parts,
Inc. quality inspection system and the Federal Aviation Administration.

Signature [REDACTED]
Brent Henman, Customer Service Manager

email: [REDACTED]

PACKING SLIP

DATE: 2/14/17

WO 55563

INV#:

COMPANY: SKY DYNAMICS CORP

SHIP TO: SAME

VIA: GROUND

[illegible]

NOTE: Any questions call Ken @

**PLEASE NOTIFY US IMMEDIATELY
IF ERROR IS FOUND IN SHIPMENT**

**Thank You
Brian Boyles
Parts Department**



Ly-Con Rebuilding, Co.

Visalia CA 93291

Fax

INVOICE

Inv. Date	Inv. No.
01/26/2017	020432

Bill To:	Acct. No.:
SKY DYNAMICS CORPORATION	
MONETA, VA 24121	

Ship To:
SAME

Our W/O No.	Your Order#	Terms	Shipped Via	
555570	VERBAL	DUE UPON RECEIPT	CUST ACCOUNT	EXPERIMENTAL

Qty.	Description	Part No.	List	Disc%	Price Each	Total
540 CAMSHAFT AND 12EA ROLLER NFS LIFTERS EXCHANGE. UPS 3DAY THERE ACCOUNT PER KT						
1.00	CAMSHAFT	15N23374EXP :		60		
12.00	RADIUS ROLLER LIFTER	NFS23381R		67		
1.00	OIL PUMP BODY ASM	51A22618		29		

pd by Rob.

Rob H.
540

PLEASE PAY THIS INVOICE, NO STATEMENT WILL BE SENT. 15% RESTOCKING FEE ON ALL RETURNED PARTS (MIN \$25.00). NO RETURNS ALLOWED AFTER 30 DAYS AND MUST BE IN UNINSTALLED CONDITION. PAST DUE INVOICES ARE SUBJECT TO 1.5% SERVICE CHARGE PER MONTH.

TOTAL PARTS
TOTAL LABOR
TOTAL OTHER

SALES TAX

TOTAL AMOUNT

1. Approving Civil Aviation Authority / Country FAA / United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3 AIRWORTHINESS APPROVAL TAG			3. Form Tracking No: ASI-077971	
4. Organization: AIRCRAFT SPECIALTIES SERVICES, INC. PHONE: [REDACTED] [REDACTED] FAX: [REDACTED] TULSA, OK 74115 FAA REPAIR STATION NO. DD2R764K					5. Work Order/ Contract/Invoice No. 240973	
6. Item	7. Description	8. Part Number	9. Quantity	10. Serial Number	11. Status/Work	
1.	CONNECTING ROD	LW11750	6	N/A	REPAIRED	
12. Remarks: PERFORMED MAGNETIC PARTICLE INSPECTION IAW ASTM E1444/E1444M-16E1 DT: 01 JUN 2016 REPAIRED IAW ASI PROCESS 0050 DT: 15 APR 2013 (IF INCLUDED, NO RETURN TO SERVICE DETERMINATION IS MADE FOR ROD BOLTS OR NUTS) PART TRACKING NO: S240973-2 NOTE: ASI - AIRCRAFT SPECIALTIES SERVICES, INC.						
13a. Certifies the items identified above were manufactured in conformity to ☐ Approved design data and are in a condition for safe operation ☐ Non-approved design data specified in Block 12			14a. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature		13c. Approval/ Authorization No.		14b. Authorized Signature		14c. Approval Certificate No.
[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
13d. Name (Typed or Printed)		13e. Date (dd/mm/yyyy)		14d. Name (Typed or Printed)		14e. Date (dd/mm/yyyy)
[REDACTED]		[REDACTED]		Harold Lehman		06 FEB 2017
User/Installer Responsibilities						
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.						
Where the user/installer work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.						
Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.						

Sky Dynamics 0973

1. Approving Civil Aviation Authority / Country FAA / United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3 AIRWORTHINESS APPROVAL TAG			3. Form Tracking No. ASI-077922	
4. Organization AIRCRAFT SPECIALTIES SERVICES, INC. PHONE: [REDACTED] [REDACTED] FAX: [REDACTED] TULSA, OK 74115 FAA REPAIR STATION NO. DD2R764K				5. Work Order/ Contract/Invoice No. 240973		
6. Item	7. Description	8. Part Number	9. Quantity	10. Serial Number	11. Status/Work	
1.	CRANKSHAFT	LYCOMING AEIO-540 SUBASSEMBLY	1	60096	REPAIRED	
12. Remarks: PERFORMED MAGNETIC PARTICLE INSPECTION IAW ASTM E1444/E1444M-16E1 DT: 01 JUN 2016 PERFORMED DIMENSIONAL CHECK IAW AS ¹ REPAIR SPECIFICATION 1004 DT: 30 SEP 2016 ROD JOURNALS GROUND M006, MAIN JOURNALS GROUND M010 IAW AS ¹ REPAIR SPECIFICATION 1004 DT: 30 SEP 2016 NITRIDE IAW AS ¹ PROCESS 0005 REV. 6 DT: 01 SEP 2005 CADMIUM PLATE AND BAKE PROPELLER FLANGE IAW AS ¹ REPAIR SPECIFICATION 1004 DT: 30 SEP 2016 POLISHED ROD AND MAIN JOURNALS IAW AS ¹ REPAIR SPECIFICATION 1004 DT: 30 SEP 2016 INSTALLED BUSHINGS IN COUNTERWEIGHT BLADES IAW LYCOMING S1 1142B DT: 07 MAY 1971 VERIFIED CRANKSHAFT COUNTER BORE RECESS COMPLIES WITH LYCOMING SB 475C DT: 30 JAN 2003 PART TRACKING NO: S240973-1 NOTE: AS ¹ = AIRCRAFT SPECIALTIES SERVICES, INC. LYCOMING AEIO-540 CRANKSHAFT						
13a. Certifies the items identified above were manufactured in conformity to ☐ Approved design data and are in a condition for safe operation ☐ Non-approved design data specified in Block 12			14a. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature	13c. Approval/ Authorization No.	14b. Authorized Signature	14c. Approval/Certificate No.			
13d. Name (Typed or Printed)	13e. Date (dd/mm/yyyy)	14d. Name (Typed or Printed) Harold Lehman	14e. Date (dd/mm/yyyy) 03 FEB 2017			
User/Installer Responsibilities						
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.						
Where the user/installer work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.						
Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.						

K5W 110111

ORIGINAL

F.A.A. Repair Station No. [REDACTED]

WORK ORDER NO. 240973

**AIRCRAFT
SPECIALTIES
SERVICES**

QUAN.	PART NO. & DESCRIPTION	S/N
1	AEI0540 CRANKSHAFT	S240973-1
6	LW11750 RODS	S240973-2

PART NO. & DESCRIPTION	PRICE	TOTAL
6 SL13923A-BSHNG, SPLI	3.13	18.78
4 SL73810-BUSHING	14.34	57.36
Less 10%		(7.62)

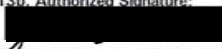
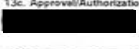
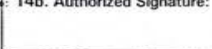
NAME SKY DYNAMICS CORPORATION			
ADDRESS [REDACTED]		DATE IN 01/23/2017	DATE SHIPPED 02/06/2017
CITY MONETA		STATE VA 24121	
PHONE [REDACTED]	P.O. 2170118-2	SHIP VIA UPS GROUND	TERMS: VISA

ITEM NO.	QUAN.	WORK DESCRIPTION	UNIT PRICE	TOTAL
1	1EA	LYCOMING CRANKSHAFT *MAG. INSP. GROUND RODS M006, MAINS M010, RENIT., CAD. PLATE & BAKE FLANGE *INSPECTED AND/OR REPAIRED PER LYC. S.B. 475C EXCLUDING PARAGRAPH 6 *REBUSHED COUNTERWEIGHT BLADES	n/c	n/c
2	6EA	LYCOMING RODS *RODS- MAGNAFLUXED, REBUSHED AND INSP. IN ACC. W/O/H MANUAL &/OR A.S.S. APPVL		

THANK YOU FOR YOUR BUSINESS !

Remit to: Aircraft Specialties Services, Inc.
Tulsa International Airport
[REDACTED]
P.O. Box 582553
Tulsa, Oklahoma 74158
[REDACTED]

TOTAL LABOR
TOTAL PARTS
FREIGHT
TAX
TOTAL

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: MS-472431	
4. Organization Name and Address: LYCOMING ENGINES 602 OLIVER STREET WILLIAMSPORT, PA 17701				5. Work Order/Contract/ Invoice Number: 146662/4335756	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/ Work:
5.1	BUSHING - CRANKSHAFT- CWT	73810	00018	N/A	NEW
12. Remarks: AIRWORTHINESS APPROVAL PARTS AIR POWER INC United States					
13a. Certifies the items identified above were manufactured in conformity to: ☒ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.			14a. 14CFR 43.3 Return to Service Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in block 11 and described in Block 12 was accomplished in accordance with Title 14 Code of Federal Regulations, Part 43 and in respect to that work, the items are approved for return to service.		
13b. Authorized Signature: 		13c. Approval/Authorization No.: 		14b. Authorized Signature: 	
13d. Name (Typed or Printed): J. DABBACK		13e. Date(dd/mm/yyyy): 09 AUG 2016		14c. Approval/Certificate: 	
14d. Name (Typed or Printed):		14e. Date(dd/mm/yyyy):			
User/Installer Responsibilities It is important to understand that the existence of this document alone does not automatically constitute authority to install aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine/propeller/article from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.					

FAA Form 8130-3 (02-14)

*Installer must cross check eligibility with applicable technical data.

Divco, Inc.

Tulsa, OK 74115

Invoice

Account #	Date	Invoice #
5291	2/24/2017	117157

Bill To
SKY DYNAMICS CORPORATION [REDACTED] MONETA, VA 24121

Ship To
SKY DYNAMICS CORPORATION [REDACTED] MONETA, VA 24121

P.O. Number		Terms	Phone #	Via	Price Level
2170118-1		VISA/MASTERCARD	[REDACTED]	UPS	STANDARD
Quantity	Item Code	Description	Price Each	Amount	
1	EXPERIMEN...	EXPERIMENTAL CASE REPAIR - LYC AEIO-540 CRANKCASE, #06878, M/N K2929, C/N 11E20030-L, S/N L-53351-10E. NO 8103-3 FORM ISSUED	[REDACTED]	[REDACTED]	
1	HANDLING	HANDLING CHARGE			

Thank you for your business.

Total [REDACTED]

FINANCE CHARGES WILL APPLY ON
INVOICES MORE THAN 30 DAYS

Phone #	Fax #
[REDACTED]	[REDACTED]

Web Site

[REDACTED]



BOX CONTENT LIST



ODO: 310005584767

ROUTE: UPSGND

PAGE: 1 OF 1
DATE: 02/01/2017
TIME: 16:37:42

Handling Unit: 110000000501112338

Packed at WorkCenter: SD01

CUSTOMER PO: [REDACTED]
ORDER NUMBER: 80040818383 CU10143114
SKY DYNAMICS CORP
[REDACTED]
MONETA VA 24121
USAS CU10143114
H SKY DYNAMICS CORP
I [REDACTED]
P MONETA VA 24121
T USA
OS 1000
H AVIALL CENTRAL WAREHOUSE
I DALLAS CDC
P [REDACTED]
F DFW AIRPORT TX 75261
R USA
O

LINE	PO LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY	UOM			
00010		OH	646260=OH WASHER: THRUST,ST	4	4	EA			
			BATCH 7364386095 Exp Date:		4				

This is not an invoice.
For payment processing, please refer to Invoice.

The recipient of these goods agrees to comply with all export regulations governing the transfer, sale, lease or use of these goods.
Diversion contrary to U.S. Law is prohibited.

CERTIFICATE OF CONFORMANCE

It is hereby certified that Aviall Services, Inc., is an approved distributor and meets all requirements of ISO9001, AS9100, AS9120 and AC 00-56 at 2750 Regent Blvd. DFW Airport, Texas. The products, articles or parts referenced on this document are in new or overhauled condition and were purchased from an approved source (FAA, EASA, TCCA, Mil Spec or Commercial). The Original Manufacturers' Certifications are maintained on file at our central office location, and copies are available upon request or at Aviall.com. For overhauled or repaired products, articles or parts, the original FAA 8130-3 / EASA Form 1 (Return to Service) or Yellow Tag, from the FAA/JAA/EASA approved Air Agency are attached to the component.

DISCOUNT TERMS APPLY ONLY TO SUB TOTAL. ALL
RETURNED MERCHANDISE SUBJECT TO HANDLING
FEE.
THIS IS TO CERTIFY THAT AVIALL HAS COMPLIED WITH
THE PROVISIONS OF THE FAIR LABOR ACT OF 1938
AMENDED.



Packing Slip

523466

Superior Air Parts
Suite 100
Coppell TX 75019-3805

Customer number

Order date

Print date

01/23/17

1 23/17

Product	Quantity	Unit	Del.date	Whs	Pick list
---------	----------	------	----------	-----	-----------

Lot: E130089566
SL72343 STABILIZER
8 EA 01/23/17 TX1 107835 5

Lot: K070058594
SA35972 BOLT, CONNECTING ROD
12 EA 01/23/17 TX1 107835 6

Lot: K160111370
SL76220 BOLT, THRU CRANKCASE
4 EA 01/23/17 TX1 107835 7

Lot: D160107757

*** CERTIFICATE OF CONFORMANCE ***

It is hereby certified that the Superior Air Parts, Inc. products listed on this order conform to all applicable requirements of Superior Air Parts, Inc. quality inspection system and the Federal Aviation Administration.

Signature

Brent Henman, Customer Service Manager



Sky Dynamics Corporation

Moneta, VA

24121 USA

Phone: [REDACTED]

www [REDACTED] .com

Connecting Rod Report

Part Number:	Forging Number:	Date:
2W-11750	2W-13306	Feb 18, 2017
Bearing Part No:	2W-13521 1106 / SL13923A	
Notes:	OH by Aircraft+Specialties Services	

Labeled:	1	2	3	4	5	6
Total Weight:	897.4	897.3	896.5	897.4	897.2	896.5
Installed @ Cyl :	1	2	53	4	58	6
Big End Diameter:						
Small End Diameter:						
Measurements taken with rod bolts torqued to:						

Cylinder:	1	2	3	4	5	6
Piston Pin Diameter:						



End weights : with bolts, no nuts

Reciprocating :

1	2	3	4	5	6
315.3	317.3	318.5	318.0	316.3	314.1

Rotating :

1	2	3	4	5	6
705.5 688.0	687.4	692.6	688.1	691.8	698.5

PACKING LIST

Shipment Number: 277453

Shipment Date: 01/24/17

Page: 1

Bill

To: Sky Dynamics Corp
Marshall Murray

Moneta, VA 24121
UNITED STATES

Ship

To: Sky Dynamics Corp
Marshall Murray

Moneta, VA 24121
UNITED STATES

Ship Via UPS Ground

Customer ID [REDACTED]
P.O. Number Web [REDACTED]
P.O. Date 01/19/17
Sales Order No. 266700
SalesPerson Natalie Long

Item No.	Description	Serial No.	Shipped	Ordered	Back Ordered
73810	BUSHING-CR'SHAFT- CWT		4	4	
SL76220	THRU BOLT (360)		4	4	
SL76220	THRU BOLT (360)		4	4	
HOLD Order to ship COMPLETE					

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: MS-442304	
4. Organization Name and Address: LYCOMING ENGINES [REDACTED] WILLIAMSPORT, PA 17701				5. Work Order/Contract/ Invoice Number: 133979/3805567	
6. Item:		7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:
3.1		BODY ASSY OIL PUMP	51A22618	00002	N/A
11. Status/ Work: NEW					
12. Remarks: AIRWORTHINESS APPROVAL ARTICLES - FOR DOMESTIC SHIPMENTS ONLY OMAHA AIRPLANE SUPPLY COMPANY United States					
13a. Certifies the items identified above were manufactured in conformity to: ☒ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.			14a. 14CFR 25.6 Return to Service. Other regulation specified in Block 12. Certifies that unless otherwise specified in Block 12, the work identified in Block 12 was accomplished in accordance with Title 14 Code of Federal Regulations, Part 43 and in respect to that work, the items are approved for return to service.		
13b. Authorized Signature: [REDACTED]		13c. Approval/Authorization No.: [REDACTED]		14b. Authorized Signature: [REDACTED]	
13d. Name (Typed or Printed): J. DABBACK		13e. Date (dd/mm/yyyy): 06 JUN 2014		14d. Name (Typed or Printed): [REDACTED]	
14e. Date (dd/mm/yyyy): [REDACTED]					
User/Installer Responsibilities					
It is important to understand that the existence of this document alone does not automatically constitute authority to install aircraft engine/propeller/article.					
Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine/propeller/article from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.					

**AIRCRAFT
SPECIALTIES
SERVICES**

Pa

INVOICE NO: 164

INVOICE DATE: 02/06/2017

ORIGINAL

B
I
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T
O

[014344]

SKY DYNAMICS CORPORATION

1500 GREENHILL DRIVE
MONETA, VA 24121S
H
I
P
T
O

SKY DYNAMICS CORPORATION

[REDACTED]
MONETA, VA 24121

Sales Person: Chad Jacobs

S.O. #

SHIP DATE: 02/06/2017

SHIP VIA: W/SHOP

P.O. #

TERMS: VISA

ORDER QUAN.	SHIP QUAN.	B/O QUAN.	PART NUMBER & DESCRIPTION	LIST	UNIT PRICE	TOTAL
12	12		AEL13521M006 /BEARING 06-16/101816 REV H, 03-16/082916 REV H	[REDACTED]		
2	2		SL13884A M10 /BEARING M160112474			
6	6		SL16711A M10 /BEARING E160108388			

THANK YOU FOR YOUR BUSINESS !
 RETURNS MAY BE SUBJECT TO RESTOCKING FEE
 PARTS ELIGIBILITY TO BE VERIFIED BY INSTALLER

Remit to:

Aircraft Specialties Services, Inc.
 Tulsa International Airport
 [REDACTED]
 P.O. Box 582553
 Tulsa, Oklahoma 74158

TOTAL PARTS:

FREIGHT &
HANDLING:

TAX:

TOTAL:

Products sold by Aircraft Specialties Services, Inc. are subject to the terms of any and all original manufacturer's warranty (warranties) that may apply. Aircraft Specialties Services, Inc. provides no warranties regarding such products, including merchantability, fitness for a particular purpose or eligibility. Please consult the manufacturer for support questions.

ORIGINAL

F.A.A. Repair Station No. DD2R764K

WORK ORDER NO. 240973

AIRCRAFT SPECIALTIES SERVICES

QUAN.	PART NO. & DESCRIPTION	S/N
-------	------------------------	-----

1	AEI0540 CRANKSHAFT	S240973-1
6	LW11750 RODS	S240973-2

NAME SKY DYNAMICS CORPORATION			
ADDRESS [REDACTED]		DATE IN 01/23/2017	DATE SHIPPED 02/06/2017
CITY MONETA		STATE VA 24121	
PHONE [REDACTED]	P.O. [REDACTED]	SHIP VIA UPS GROUND	TERMS: VISA

ITEM NO.	QUAN.	WORK DESCRIPTION	UNIT PRICE	TOTAL
1	1EA	LYCOMING CRANKSHAFT *MAG. INSP. GROUND RODS M006, MAINS M010, RENIT., CAD. PLATE & BAKE FLANGE *INSPECTED AND/OR REPAIRED PER LYC. S.B. 475C EXCLUDING PARAGRAPH 6 *REBUSHED COUNTERWEIGHT BLADES	[REDACTED]	[REDACTED]
2	6EA	LYCOMING RODS *RODS- MAGNAFLUXED, REBUSHED AND INSP. IN ACC. W/O/H MANUAL &/OR A.S.S. APPVL		

PART NO. & DESCRIPTION	PRICE	TOTAL
------------------------	-------	-------

6	SL13923A-BSHNG, SPLI	[REDACTED]
4	SL73810-BUSHING	[REDACTED]

Less 10%

(7.62)

THANK YOU FOR YOUR BUSINESS !

Remit to: Aircraft Specialties Services, Inc.
Tulsa International Airport

Tulsa, Oklahoma 74158

TOTAL LABOR	[REDACTED]
TOTAL PARTS	[REDACTED]
FREIGHT	[REDACTED]
TAX	[REDACTED]

TOTAL

Air Power, Inc.

INVOICE

Arlington, TX 76018

Ph: [REDACTED]

FAX: [REDACTED]

Invoice Date	Invoice Number
01/24/17	291871

Bill To:
Sky Dynamics Corp [REDACTED] Moneta, VA 24121 UNITED STATES

Ship To:
Sky Dynamics Corp Marshall Murray [REDACTED] Moneta, VA 24121 UNITED STATES

Customer No	Customer PO No.	Sales Order No.	Order Date	Sales Person	Tail No#
[REDACTED]	[REDACTED]	266700	01/19/17	Natalie Long	
Terms	Due Date	Ship Date	Ship Via	Email	
Pay Pal Electro	01/24/17		UPS Ground	nlong@airpowerinc.com	

Item/Description	Serial No	Job No.	Unit	Qty	List Price	Disc. Price	Total Price
73810			EA	4			
BUSHING-CR'SHAFT- CWT							
SL76220			EA	4			
THRU BOLT (360)							
SL76220			EA	4			
THRU BOLT (360)							
HOLD Order to ship COMPLETE							

Amount Subject to
Sales Tax
0.00

Amount Exempt from
Sales Tax
[REDACTED]

Subtotal:	[REDACTED]
Sales Tax:	
Total (USD):	

Return Policy

A 25% minimum restock fee (\$75 minimum) applies to all returns. RGA#, 8130-3 and prior authorization required. Mark outside of box "Parts Return-RGA#_____". Ship Parts to : Airpower Inc., 4900 S Collins, Arlington, Texas, 76018

Airflow Performance, Inc.111 Airflow Drive
Spartanburg, SC 29306Phone)
Fax)**NOT APPROVED FOR USE
ON CERTIFIED AIRCRAFT****SOLD TO****SHIPPED TO**

Rob Holland	Sky Dynamics Coop
Rob Holland Ultimate Airshows	
	Moneta, VA 24121
Nashua, NH 03063-1302	

Customer's Order [REDACTED]	Salesman DJR	Terms: Net 15 Days	Shipped Via UPS GROUND	Invoice # Y17-C16158	Date Shipped: 1-24-17
Shipped	Description			Part Number	
	JWO # 6474				
1	FM-250A Fuel Controller S/N 208L020056 (API Part)			P/L 61P23351	
1	Flow Divider S/N AP-1411 (API Part)			3090009	
6	.028 Injector Nozzles (API Parts)				
No. of Packages	Total Weight	Insurance	Box Diameter	Order Complete	Packed By
1	12# / 23# DW	[REDACTED]	17X12X15	YES	DJR

Please Notify us Immediately of any Shipment Error!!!

See Backside for Limitation of Warranty and Claims, as well as checking for missing parts and notifying supplier.

Parts are for Experimental Aircraft Use Only!!!

INVOICE AND PACKING LIST INFORMATION

LIMITATION OF WARRANTY AND CLAIMS: It is expressly understood and agreed that the Seller shall in nowise be deemed or held to be obligated, liable or accountable upon or under any guaranties or warranties, express or implied, statutory, by operation of law, or otherwise, in any manner or form beyond its express agreements to deliver material as order by the Buyer, and under no circumstances will Seller be liable for damages or claims for expenses involved in using its product or for any indirect or consequential damages or loss of profits, and liability of Seller does not warrant the merchantability and fitness of delivered material for any particular purpose.

Buyer agrees to hold Seller harmless from, and Buyer hereby assumes the entire responsibility and liability for, any and all damage or injury or any kind or nature whatever, including death, as to all persons, whether Buyer's employees, agents, or otherwise and as to all property, including Buyer's own property, caused by, resulting from, arising out of, or occurring in connection with, the use by Buyer himself or any other person, of Airflow Performance Products.

If any person shall make a claim for any damage or injury, including death, resulting from the use of Airflow Performance Products sold to the Buyer, whether based upon seller's alleged active use or misuse, or passive negligence, or based upon principles of product liability, or based upon any alleged breach of any statutory/contractual or common law duty or obligation Seller may have, Buyer shall indemnify and saves harmless Seller, its agents, servants and employees, from against any and all loss, expense, damage or injury that Seller may sustain as a result of any such claim.

All Airflow Performance Parts and Products are strictly for Experimental Aircraft Use Only.

Invoice Information:

TAXES: Unless otherwise designated, the prices quoted herein do not include sums necessary to cover any taxes or duties including but not limited to Federal, State, Municipal excise, sales or use taxes or import duties upon the production, sale, distribution, or delivery of equipment or furnishing of services there under. Any taxes or duties that are due and owing there under shall be paid by the purchaser. Accordingly, Seller reserves the right to revise its price after the execution of this contract between the parties to include any and all taxes or duties that may become due hereunder and Seller may invoice purchaser for said additional amount. This clause shall survive the acceptance and complete performance of this order by the parties herein

FEES: If your account is not paid within the Terms of the invoice, you will be billed a \$100 flat service charge fee for all over due accounts. At that time your account may be switched over to a C.O.D. status, this is up to the accounts receivable department. There is a \$30.00 fee for all returned checks. All orders thereafter will be on a pre-pay cash basis. There is a 20% restocking fee on all new parts returned, plus all incurred applicable credit card fees. Credit will be issued based on the original purchase price and only if the parts returned are in new-excellent resale able condition. You have sixty, (60) days to return new parts to receive credit less the restocking fees. After sixty days, all sales are final. Parts that have been modified are not returnable. All returned parts must have a Return Authorization Number assigned.

Shipping/Handling Fees:

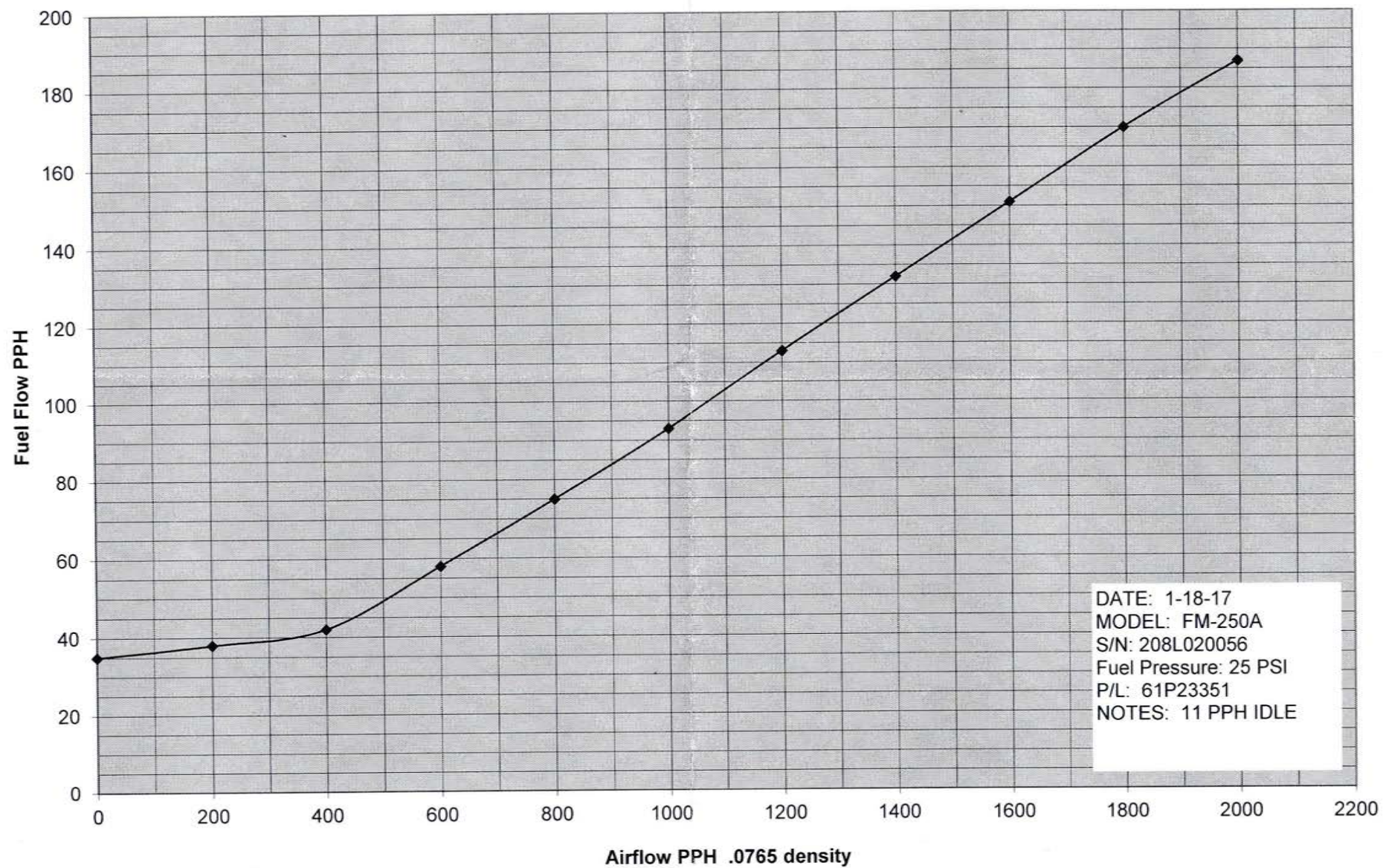
Includes: Shipping/Handling/Insurance/Transportation Charges

Packing List Information:

DEAR CUSTOMER: Please check this shipment carefully to see that everything listed on your packing list is received. We have checked your order and have tried to make sure it is exactly right. Should anything be wrong or missing, please notify us within five (5) days.

Rev June 15, 2016

WIDE OPEN THROTTLE CURVE
Airflow vs Fuel Flow PPH





Sky Dynamics Corporation

Moneta, VA

24121 USA

Phone:

www. com

Crankshaft Test Report

Date: Feb 13, 2017
Rob H.

Engine Model	Part Number	Serial Number
AE10-S40	75038	S240973-1

Notes: 8130 OH by A/C Specialties Services
M10 / R 06, plug installed for C/S
PC-bushed counterweights, polished journals
Cryo-treated

Total Weight:	Pounds:	Kilograms:
	53.9	

Rod Journal Measurements:

Cyl. 1	Cyl. 2	Cyl. 3	Cyl. 4	Cyl. 5	Cyl. 6
2.1188 2.1186	2.1187 2.1186	2.1186 2.1187	2.1187 2.1188	2.1188 2.1187	2.1185 2.1186

Main Journal Measurements:

1 (front)	2 (front)	3	4	5 (rear)
2.3654 2.3653	2.3654 2.3655	2.3655 2.3655	2.3655 2.3653	2.3655 2.3655

Thrust Face to Slinger Distance	5.1153
---------------------------------	--------

Feb H Feb 2017

Crankshaft Run-Out:

	Measured (inches)	Maximum	Maximum Service Allowable
(4) Mounted on #1 & #4 journals Max. Run-Out #2 journal		0.002	0.002
(4) Mounted on #1 & #4 journals Max. Run-Out on #3 journal		0.005	0.0075
(4) Mounted on #2 & #4 journals Max. Run-Out on #3 journal		0.003	0.0045
(6) Mounted on #2 & #5 journals Max. Run-Out on #1 journal	0.0002	0.002	0.002
(6) Mounted on #2 & #5 journals Max. Run-Out on #3 journal	0.0003	0.005	0.0075
(6) Mounted on #2 & #4 journals Max. Run-Out on #3 journal	0.0002	0.003	0.0045
(6) Mounted on #3 & #5 journals Max. Run-Out on #4 journal	0.0002	0.003	0.0045

Prop Flange Face Run-Out	0.001
Prop Flange OD Run-Out	0.002
Prop Flange Thickness	0.3745



*Before OH:

Rob Holland

Jan 14, 2017

Crankshaft Run-Out:

540

	Measured (inches)	Maximum	Maximum Service Allowable
(4) Mounted on #1 & #4 journals Max. Run-Out #2 journal		0.002	0.002
(4) Mounted on #1 & #4 journals Max. Run-Out on #3 journal		0.005	0.0075
(4) Mounted on #2 & #4 journals Max. Run-Out on #3 journal		0.003	0.0045
(6) Mounted on #2 & #5 journals Max. Run-Out on #1 journal	.002	0.002	0.002
(6) Mounted on #2 & #5 journals Max. Run-Out on #3 journal	.0002	0.005	0.0075
(6) Mounted on #2 & #4 journals Max. Run-Out on #3 journal	.0005	0.003	0.0045
(6) Mounted on #3 & #5 journals Max. Run-Out on #4 journal	.001	0.003	0.0045

Prop Flange Face Run-Out	.0030
Prop Flange OD Run-Out	.0035
Prop Flange Thickness	.3745

*Checked before
sending out to OH

* magnafluxed ✓

* dye pen ✓



PN: 75038

SN: 60096

main cut 006

rods cut 003

S79759-1

SOUTHEASTERN FREIGHT LINES, INC. (SEFL)

P.O. BOX 1691 COLUMBIA, S.C. 29202 - FED. ID # [REDACTED]



SEFL

CONSIGNEE
COPY

SEFL FREIGHT BILL NUMBER

326841024

PAGE

1 OF 1

SKY DYNAMICS

GAME COMPOSITES

MONETA

VA
24121

SHIPPER

BENTONVILLE

AR
72712

ORG FTS	DEST ROA	SEFL PICKUP DATE 01/04/17	COMMITTED DLVY DATE 01/09/17
SHIPPER'S NO. OR B/L NO. [REDACTED]		P.O. NUMBER	
MASTER REVENUE PRO		SEFL AMOUNT	C/LINE AMOUNT

SPECIAL INSTRUCTIONS / DRIVER INSTRUCTIONS

LIFTGATE USED AT PICKUP
APPOINTMENT
PRIVATE RESIDENCE DELIVERY

QUALITY WITHOUT QUESTION - VISIT WWW.SEFL.COM OR CALL US AT [REDACTED]

TRAILER 284162	ORIGIN CARRIER	ORIGINATING CARRIER FREIGHT BILL NUMBER	INTERLINE PRO DATE	DELIVERING CARRIER	SEFL ROUTE
APPT DATE	APPT TIME	CONSIGNEE PHONE NUMBER	APPOINTMENT REMARKS		

BILL-TO

PIECES	HM	DESCRIPTION OF ARTICLES AND SPECIAL MARKS	TYPE CHARGE / CLASS	WEIGHT	RATE	REVENUE
1		***** CORRECTED BILL ***** PLT AIRCRAFT ENGINE 42X36X36 IT-120800 CL85		490		
1		*** ALL WEIGHTS IN LBS *** ANY QUESITONS WITH DELIVERY PLEASE CO NTACT LAUREN RYAN AT [REDACTED] ADDITIONAL INFORMATION ATTENTION OF: MARTHA BILL TO PHONE NUMBER: [REDACTED] BOL UNCLEAR DATA: BPH CONSIGNEE PHONE: [REDACTED] RECEIVING HOURS: 830A 5P REFERENCE NUMBER: NS SHIPPER PHONE NUMBER: [REDACTED] ***** SIGNATURE FOR SHIPMENT VERIFIES THE FOLLOWING SERVICE WAS PERFORMED UNLESS OTHERWISE NOTED ON THIS RECEIPT. LIFTGATE REQUIRED PRIVATE RESIDENTIAL DELIVERY ***** <i>Rob Holland's engine from Philipp Steinbach BBO 1/4/17</i>	AS WEIGHT DEFICIT LIFTGATE SVC PVT RESIDEN TOTAL	500 10 490		

SHRINK WRAP INTACT? # PLT RED WRAP OTHER COLOR	Y N	326841024	TOTAL PCS 1	WT. 490	PREPAID *
FIRM (MUST BE COMPLETED)			1 + 0 = 1	CHARGES	
RECEIVED IN GOOD CONDITION EXCEPT AS NOTED BY Thank You For Shipping Southeastern Freight Lines X SIGNATURE PRINT For Consignee Signature, see Carrier's Delivery Receipt			TOTAL COLLECT → C.O.D. → PAYMENT OF FREIGHT CHARGES DUE WITHIN 15 DAYS		



Sky Dynamics Corporation

Moneta, VA

24121 USA

Phone:

www. com

Rob. H.

Crank Case Test Report

Date: Feb 13 2017

Engine Model	Part Number	Serial Number
AE10-S40	11E 20030 4/R	11E 24100-S

Notes:

originally from SR RB S40
Dim / Crack checked
Ly-Con wing seal, machined for
thrust bearing behind #2 main
Alternator pads removed for weight

Total Weight:	Pounds:	Kilograms:
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Main Journal Measurements: (with bearings installed, throughbolts torqued)

1 (front)	2 (front)	3	4	5 (rear)
<u>2.3680</u> 2.3685	<u>2.3675</u> 2.3680	<u>2.3690</u> 2.3690	<u>2.3685</u> 2.3690	<u>2.3690</u> 2.3695

~~0.003~~
0.0045 0.0027 0.0035 0.0033 0.0037
0.0029

Rob H

Feb 13, 2017

Plasti-gauge Measurements: (with bearings, crankshaft installed)

see p. 1
clearances

1 (front)	2 (front)	3	4	5 (rear)

Cylinder Base Height:

Cyl. 1	Cyl. 2	Cyl. 3	Cyl. 4	Cyl. 5	Cyl. 6

Cylinder Bore Register Measurement:

Cyl. 1	Cyl. 2	Cyl. 3	Cyl. 4	Cyl. 5	Cyl. 6

Thrust Clearance	0.015
Using Thrust Bearing Insert?	☒ Yes 646260 ☐ No

Slinger Clearance	
Full Forward Position	0.010
Full Rearward position	0.024

