

RV-12iS Weight & Balance Worksheet

AIRCRAFT: **N507KC** (registration)

12169 (SN)

DATE: **7/23/2024**

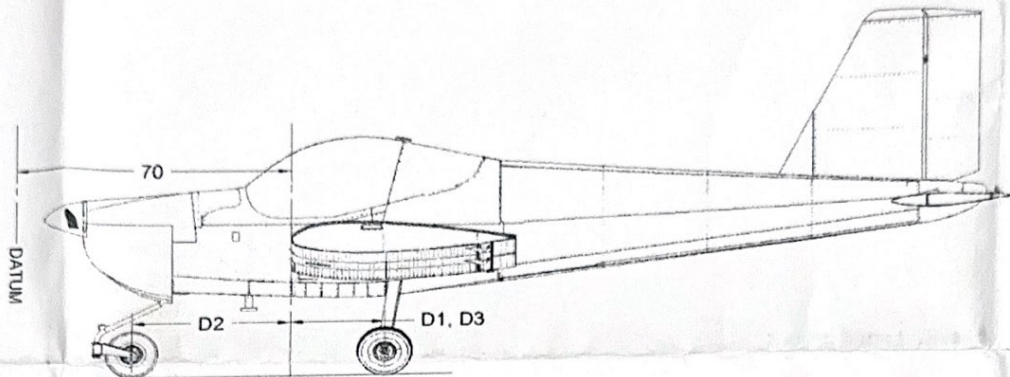


TABLE 1 - Use Left Rear, Right Rear & Right Front Scales as denoted below

	LEFT WHEEL (LR)	NOSE WHEEL (RF)	RIGHT WHEEL (RR)
WEIGHT	320 lb	148 lb	326 lb
	(W1)	(W2)	(W3)
DISTANCE FROM AXLE CENTER TO LEADING EDGE	23.625 in	40.4375 in	23.5625 in
	(D1)	(D2)	(D3)

TABLE 2

	WEIGHT	ARM	MOMENT
LEFT WHEEL	<u>320.0</u> lb	<u>93.625</u> inches	<u>29960</u> in-lb
	(W1*)	(A1 = 70 + D1)	(M1 = W1* x A1)
NOSE WHEEL	<u>148.0</u> lb	<u>29.5625</u> inches	<u>4375.25</u> in-lb
	(W2*)	(A2 = 70 - D2)	(M2 = W2* x A2)
RIGHT WHEEL	<u>326</u> lb	<u>93.5625</u> inches	<u>30501.38</u> in-lb
	(W3*)	(A3 = 70 + D3)	(M3 = W3* x A3)

* Adjusted for scale calibration

EMPTY WEIGHT = **794.0 lb**
(W1 + W2 + W3)

EMPTY ARM= 81.65822 in
(Empty Moment/ Empty Weight)

EMPTY MOMENT = 64836.625 in-lb
(M1 + M2 + M3)

Aircraft measured, weighed and worksheet filled out by:

JOHN DAVIS / AIRCRAFT ASSEMBLY

Printed Name/ Title

Signature

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION-FEDERAL AVIATION ADMINISTRATION
SPECIAL AIRWORTHINESS CERTIFICATE

CATEGORY/DESIGNATION Light-Sport	
PURPOSE Airplane	
MANUFACTURER	NAME N/A ADDRESS N/A
FLIGHT	FROM N/A TO N/A
N507KC	MODEL RV-12IS SERIAL NO. 12169
BUILDER VANS AIRCRAFT INC	DATE OF ISSUANCE 08/Aug/2024
Unless sooner surrendered, suspended, revoked, or the termination date of Unlimited, this airworthiness certificate is effective under the conditions prescribed in 14 CFR, Part 21, Section 21.181 or 21.217.	
SIGNATURE OF FAA REPRESENTATIVE /s/ Signed by/Scott McDaniels, 03:20 PM, August 08, 2024	DESIGNATION OR OFFICE NO 999998726
This airworthiness certificate is issued under the authority of Title 49 United States Code 44704 and Title 14 Code of Federal Regulations. Any alteration, misuse or reproduction for fraudulent purposes of this certificate may be punishable by the certificate revocation, fine and/or imprisonment. THIS PORTION OF THE CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT PER THE APPLICABLE REGULATIONS.	

--Conditions and Limitations--

1. This aircraft does not meet the airworthiness standards of Annex 8 to the Convention on International Civil Aviation. Operations in airspace outside of the United States will require the permission of the applicable foreign authority. That permission must be carried aboard the aircraft together with this U.S. airworthiness certificate and, upon request, be made available to an FAA inspector or the applicable foreign authority in the country of operation. Operations may be further restricted by the applicable foreign authority. This may include not allowing use of an airport, requiring specific routing, and restricting flight over specific areas. The operator must comply with any additional limitation prescribed by the applicable foreign authority when operating in its airspace. (1)
2. These operating limitations do not provide any relief from any applicable law or regulation. This aircraft must be operated per applicable regulations and the additional limitations prescribed herein. Note that a clearance from air traffic control (ATC) is not authorization for a pilot to deviate from any rule, regulation, operating limitation, or minimum altitude, or to conduct unsafe operation of the aircraft. If ATC issues a clearance that would cause a pilot to deviate from a rule, regulation, or operating limitation, or in the pilot's opinion, would place the aircraft in jeopardy, it is the pilot's responsibility to request an amended clearance. These operating limitations are a part of FAA Form 8130-7 and are to be carried in the aircraft at all times and to be available to the pilot in command of the aircraft. (2)
3. Application to amend this certificate must be made to the local Flight Standards District Office (FSDO) or CM section. (4)
4. This aircraft may only be operated per the manufacturer's aircraft operating instructions (AOI), including any requirement for necessary operating equipment specified in the aircraft's equipment list. Night flight and instrument flight rules (IFR) operations are authorized if allowed by the AOI and if the instruments specified in § 91.205 are installed, operational, and maintained per the applicable requirements of part 91. (6)
5. The pilot in command must hold Airplane category and Single Engine land class certificate or privilege. The pilot in command must hold all required ratings or authorizations and endorsements required by part 61. (7)
6. The pilot may only conduct the flight maneuvers authorized in the AOI. (27)

-End-

**UNITED STATES OF AMERICA – DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION – MIKE MONRONEY AERONAUTICAL CENTER
AIRCRAFT REGISTRATION APPLICATION**

1) UNITED STATES REGISTRATION NUMBER N 507KC	5) TYPE OF REGISTRATION (Check one box.) <ul style="list-style-type: none"> <input type="checkbox"/> 1. Individual <input type="checkbox"/> 2. Partnership <input type="checkbox"/> 3. Corporation <input type="checkbox"/> 4. Co-Owner <input type="checkbox"/> 5. Government <input checked="" type="checkbox"/> 7. Limited Liability Company (LLC) <input type="checkbox"/> 8. Non-Citizen Corporation <input type="checkbox"/> 9. Non-Citizen Corporation Co-Owner
2) AIRCRAFT MANUFACTURER VANS AIRCRAFT INC	
3) AIRCRAFT MODEL RV-12IS	
4) AIRCRAFT SERIAL NUMBER 12169	

6) NAME(S) OF APPLICANT(S) [Person(s) shown on evidence of ownership. If individual, give last name, first name and middle initial.]
KLM AIRPLANE LLC

7) TELEPHONE NUMBER: **787-629-7058** 8) EMAIL ADDRESS: **karinamariefaro@gmail.com**

9) MAILING ADDRESS (Permanent mailing address for first applicant on list.)
 NUMBER AND STREET: **1001 S MAIN ST** APT/SUITE NUMBER: **STE 49**
 RURAL ROUTE: _____ P.O. BOX _____
 CITY: **KALISPELL** STATE: (or foreign Province, State, Country) **MT** ZIP: **59904**

10) PHYSICAL ADDRESS/LOCATION IF PO BOX, MAIL DROP OR RURAL ROUTE BOX USED FOR MAILING ADDRESS
 NUMBER AND STREET: _____
 DESCRIPTION OF LOCATION: _____
 CITY: _____ STATE: (or foreign Province, State, Country) _____ ZIP: _____

11) CHECK HERE IF YOU ARE ONLY REPORTING A CHANGE OF ADDRESS

12) CERTIFICATION

I/WE CERTIFY:

(1) That the above aircraft is owned by the undersigned applicant who is: **(MUST CHECK AND/OR COMPLETE a, b, c, or d)**

a. A citizen of the United States as defined by 49 USC 40102(a)(15),

b. A resident alien with alien registration (Form 1-551)

c. A non-citizen corporation organized and doing business under the laws of _____ and said aircraft is based and primarily used in the United States. Records of flight hours are available for inspection at (provide complete physical address): _____

d. A corporation using a voting trust to qualify. Enter name of trustee _____

(2) If box c or d above is checked, I, the below signed, certify that I am authorized, by the applicant shown above, to sign corporate documents and to seek aircraft registration on behalf of the entity and that I will provide the same authorization if requested;

(3) That the aircraft is not registered under the laws of any foreign country; and

(4) That legal evidence of ownership is attached or has been filed with the Federal Aviation Administration.

ANY AND ALL SIGNATORIES OF THIS APPLICATION MUST READ THE FOLLOWING AND UNDERSTAND THAT, BY APPLYING A SIGNATURE TO THIS DOCUMENT, THEY ARE SUBJECT TO THE REFERENCED STATUTES AND ASSOCIATED PENALTIES.

I/we hereby certify that the information provided in, and in any attachments to, this application for aircraft registration is true, accurate and correct to the best of my/our knowledge and belief. I/we understand that the FAA administrator will rely on the information I/we provide in determining my/our qualification for aircraft registration. I/we understand that whoever, in any matter within the jurisdiction of any department or agency of the United States, knowingly and willfully falsifies, conceals, or covers up by any trick, scheme, or device any material fact(s), statement(s), representation(s) or entry(ies) may be fined up to \$500,000 or imprisoned for not more than five (5) years or both (18 U.S.C. §§ 1001 and 3571). I/we understand that to knowingly and willfully: a) falsify or conceal a material fact; or b) use a document knowing it contains a false, fictitious or fraudulent statement/entry; or c) provide any inaccurate, false statement/information can subject me to criminal prosecution (49 U.S.C. § 46306), and the registration of the subject aircraft may be delayed, denied and/or revoked.

NOTE: If executed for co-ownership, all applicants must sign. Use next page and add page(s) if necessary.

13)	NAME OF APPLICANT:	KLM AIRPLANE LLC		
	SIGNATURE (DIGITAL OR INK):	Signed by: KARINA MARIE ALFARO CARDONA	DATE:	8/8/2024
	TYPED/PRINTED NAME OF SIGNER:	KARINA MARIE ALFARO CARDONA	TITLE:	MANAGER

Except when the most recent registration of the subject aircraft is expired or cancelled, 14 CFR 47.31(c) provides temporary authority for an airworthy U.S. aircraft to be operated within the United States without registration when a copy of the signed aircraft registration application is carried in the aircraft. This temporary authority is valid (i) until the applicant receives the Certificate of Aircraft Registration, (ii) until the date FAA denies the application, (iii) or as provided by paragraph (c)(2) of this section.