

KORESPONDENSI IJMERR 2022

Judul: The Effects of Flap Angles on the Aerodynamic Performances of a Homebuilt Aircraft Wing Model

Participants [Edit](#)

Rustan Tarakka (rustantarakka)

Messages	
Note	From
<p>Dear Sir/Madam</p> <p>The editor(s) of International Journal of Mechanical Engineering and Robotics Research</p> <p>Herewith, We submit our paper titled "Effects of flap angles on aerodynamic performances of wing model of homebuilt aircraft" authored by Nasaruddin Salam, Rustan Tarakka, Jalaluddin, Dandhy Iriansyah, and Muhammad Ihsan, to be considered in the International Journal of Mechanical Engineering and Robotics Research.</p> <p>I hope that the paper has a chance to be accepted and to be published subsequently in the esteemed journal and therefore can give contributions to our field. Thank you very much for your kind attention.</p> <p>Sincerely yours,</p> <p>Dr. Rustan Tarakka Dept. of Mechanical Engineering Hasanuddin University</p>	<p>rustantarakka 2021-11-08 02:53 PM</p>

Participants

Ms. Ashley Zhang (ashley)

Rustan Tarakka (rustantarakka)

Messages

Note

From

Dear Rustan Tarakka:

ashley

Thank you for submitting your manuscript "Effects of flap angles on aerodynamic performances of wing model of homebuilt aircraft" to International Journal of Mechanical Engineering and Robotics Research.

2021-11-09 11:01

AM

Submission URL:

<http://ojs.ejournal.net/index.php/ijmerr/authorDashboard/submission/3967>

Before further processing, please confirm that your submission meets the requirements below:

1. Publication fee: you support open access publishing, which allows unlimited access to your published paper, and that you will pay the Article Processing Charge (350 USD, <http://www.ijmerr.com/index.php?m=content&c=index&a=lists&catid=13>), please note that the APC only applies if your paper was accepted after standard peer-review.
2. The submitted paper has not been copyrighted, published, or accepted for publication elsewhere.
3. The submitted paper contains no proprietary material unprotected by patent or patent application.
4. The submitted paper contains no plagiarism/copying and fraudulent data.

Editors Note: Please edit your paper according to the IJMERR template (download from <http://www.ijmerr.com/index.php?m=content&c=index&a=lists&catid=12>), and return back WORD version via this discussion.

If your submission meets the above items, please confirm on the submission system in "Pre-Review Discussions" and leave a message to editors.

Thank you in advance for your cooperation. We look forward to hearing from you.

Ms. Ashley Zhang/Journal Editor
ashley.zhang@ejournal.net



Participants

Ms. Ashley Zhang (ashley)

Rustan Tarakka (rustantarakka)

Messages

Note	From
<p>Dear Rustan Tarakka,</p> <p>A few days ago, we sent you an email regarding the submission confirmation of your paper "Effects of flap angles on aerodynamic performances of wing model of homebuilt aircraft" to "International Journal of Mechanical Engineering and Robotics Research", since we did not receive your confirmation, we would like to know whether you have received our email.</p> <p>Submission URL: http://ojs.ejournal.net/index.php/ijmerr/authorDashboard/submission/3967</p> <p>Before further processing, please confirm that your submission meets the requirements below:</p> <ol style="list-style-type: none">1. Publication fee: you support open access publishing, which allows unlimited access to your published paper, and that you will pay the Article Processing Charge (350 USD, http://www.ijmerr.com/index.php?m=content&c=index&a=lists&catid=13), please note that the APC only applies if your paper was accepted after standard peer-review.2. The submitted paper has not been copyrighted, published, or accepted for publication elsewhere.3. The submitted paper contains no proprietary material unprotected by patent or patent application.4. The submitted paper contains no plagiarism/copying and fraudulent data. <p>Editors Note: Please edit your paper according to the IJMERR template (download from http://www.ijmerr.com/index.php?m=content&c=index&a=lists&catid=12), and return back WORD version via this discussion.</p> <p>Please note that if we do not receive your confirmation within one week, we will consider it as withdrawn.</p> <p>Thank you in advance for your cooperation. We look forward to hearing from you.</p> <p>Ms. Ashley Zhang/Journal Editor ashley.zhang@ejournal.net</p>	<p>ashley 2021-11-15 03:05 PM</p>

▶ Dear IJMERR Editor

We herewith confirm the submission of our paper "Effects of flap angles on aerodynamic performances of wing model of homebuilt aircraft" to "International Journal of Mechanical Engineering and Robotics Research"

We confirm that :

1. Publication fee: you support open access publishing, which allows unlimited access to your published paper, and that we will pay the Article Processing Charge (350 USD), and will pay the APC if our paper is accepted after standard peer-review.
2. The submitted paper has not been copyrighted, published, or accepted for publication elsewhere.
3. The submitted paper contains no proprietary material unprotected by patent or patent application.
4. The submitted paper contains no plagiarism/copying and fraudulent data.

Thank you very much

Dr. Rustan Tarakka

rustantarakka
2021-11-17 08:56
AM

Thanks for your confirmation, the status will be updated soon.

ashley
2021-11-17 09:41
AM

[ijmerr] Manuscript ID: IJMERR-3967 - Editor Decision - Major Revisions

2022-04-20 11:09 AM

Dear Nasaruddin Salam, Rustan Tarakka, Jalaluddin, Dandhy Iriansyah, Muhammad Ihsan:

Thank you for submitting your manuscript "Effects of flap angles on aerodynamic performances of wing model of homebuilt aircraft" to International Journal of Mechanical Engineering and Robotics Research.

The editorial team had assessed your submission and feel that it has potential for publication, so we would like to invite you to make major revisions for further review.

You can find your manuscript at the following link:

<http://ojs.ejournal.net/index.php/ijmerr/authorDashboard/submission/3967>

Important notice: Please revise the manuscript according to the reviewers' comments and upload the revised file **within one month. The revisions should be clearly highlighted**, for example using the "Track Changes" function in Microsoft Word, so that changes are easily visible to the editors and reviewers. **Please provide a cover letter** to explain point-by-point the details of the revisions in the manuscript and your responses to the reviewers' comments.

As the reviewer have suggested that your manuscript should **undergo extensive English editing**, please address this during revision. We suggest that you have your manuscript checked by a native English-speaking colleague or use a professional English editing service.

Instruction for uploading the revised version can be found at <https://docs.pkp.sfu.ca/learning-ojs/en/authoring>.

Do not hesitate to contact us if you have any questions regarding the revision of your manuscript.

Ms. Ashley Zhang/Journal Editor
ashley.zhang@ejournal.net

Comments to Author(s):

The authors presented a really excellent work in which they analysis the impact of flap angles on aerodynamic performances. However, a few small changes are required in this document to increase its quality.

1. The Introduction section needs a major revision in terms of providing more accurate and informative literature review and the pros and cons of the available approaches and how the proposed method is different comparatively. Also, the motivation and contribution should be stated more clearly.

You should give a survey of scholarly sources related to a specific topic or research question, instead of a rough statement of literature. Please rewrite this part.

2. Please give a correct numerical label to each sub-figure in Fig.3.

3. Please create a logical framework, e.g., the following presentation is not acceptable: "Table 1 shows ...", "Figure 4 shows ...", "Table 2 shows ...", "Figure 5 shows ...", "Table 3 shows ...", and so on. Please tell a logic story, instead of results statement.

4. It is also critical to compare the findings to those previously published in the literature.

[ijmerr] Manuscript ID: IJMERR-3967 - Editor Decision - Accept after Revision

2022-05-26 04:40 PM

Dear Nasaruddin Salam, Rustan Tarakka, Jalaluddin, Dandhy Iriansyah, Muhammad Ihsan:

Thank you for submitting your manuscript "Effects of flap angles on aerodynamic performances of wing model of homebuilt aircraft" to International Journal of Mechanical Engineering and Robotics Research.

Your manuscript had been checked by the journal editor and we request that you make minor revisions before it is officially accepted.

Important notice: Please revise the manuscript according to the reviewers' comments and upload the revised file within two weeks. **Any revisions should be highlighted**, for example using the "Track Changes" function in Microsoft Word, so that changes are easily visible to the editors and reviewers. **Please provide a cover letter** to explain point-by-point the details of the revisions in the manuscript and your responses to the reviewers' comments.

As the editor has suggested that your manuscript should undergo extensive English editing, please address this during revision. We suggest that you have your manuscript checked by professional English editing service.

Once the revision is ready, please submit the revised version by clicking on the following link:

<http://ojs.ejournal.net/index.php/ijmerr/authorDashboard/submission/3967>

Instruction for uploading the revised version can be found at <https://docs.pkp.sfu.ca/learning-ojs/en/authoring>.

Do not hesitate to contact us if you have any questions regarding the revision of your manuscript.

Ms. Ashley Zhang/Journal Editor
ashley.zhang@ejournal.net

Comments to Author:

The article has moderate content. The level of originality is not enough for archival paper. The content of the experiment is okay. But, contributions to the literature are insufficient.

The flap wing assembly is not suitable for flow control. Because, as it is understood from the numerical results, a slot should be formed between the wing and the flap when the flap opens. Hence the flow emerging from the slot should delay the flow separation by energizing the core flow emanating over the wing surface and passing through the top surface of the flap. As can be seen from the figures in the article, the gap between the wing and the flap does not act as a slot that ejects the flow in parallel to the wing's surface when the flap is open. That is, the central line of the flap should be below the central line of the wing so that the flow passing through the gap will not move in the vertical direction, but the fluid will move over the flap surface as expected for avoiding flow separations.

Minor issues:

Try not use the following beginning, "Abdelrahman, et al. conducted...", "Katz & Largman investigated ...", "Mahmood, et al. conducted ...", "Feng et al. investigated ...", "Ockfen & Matveev investigated ...".....which makes it like the accumulation of references.

Editor's comments:

Please make the formatting modification according to the journal template (download from <http://www.ijmerr.com/uploadfile/2015/0819/20150819064635301.doc>)



Participants

Ms. Ashley Zhang (ashley)

Rustan Tarakka (rustantarakka)

Messages

Note	From
<p>Dear Rustan Tarakka,</p> <p>We sent a minor revision request for the following manuscript on May 26, 2022.</p> <p>Title: Effects of flap angles on aerodynamic performances of wing model of homebuilt aircraft</p> <p>Submission URL: http://ojs.ejournal.net/index.php/ijmerr/authorDashboard/submission/3967</p> <p>May we kindly ask you to update us on the progress of your revisions? If you have finished your revisions, please upload the revised version together with your</p>	<p>ashley 2022-06-10 11:21 AM</p>

Dear Ms. Ashley Zhang

Journal Editor of IJMERR (International Journal of Mechanical Engineering and Robotics Research)

ashley.zhang@ejournal.net

rustantarakka
2022-06-10 02:44
PM

We have revised our paper "Effects of flap angles on aerodynamic performances of wing model of homebuilt aircraft" authored by Nasaruddin Salam, Rustan Tarakka, Jalaluddin, Dandhy Iriansyah, and Muhammad Ihsan, to be considered in the International Journal of Mechanical Engineering and Robotics Research, based on reviewer's comments.

The last revisions are on Part 1. Introduction, dealing with a new version of the information of literature regarding the research topic.

We have also addressed a thorough grammar check and proofreading by a professional proofreader agency (the certificate is attached)

We have applied track changes in this latest revision of the paper.

However, we can not upload the paper due to HTTP error in the IJMERR OJS dialog, so We have emailed you instead on June 4th, 2022

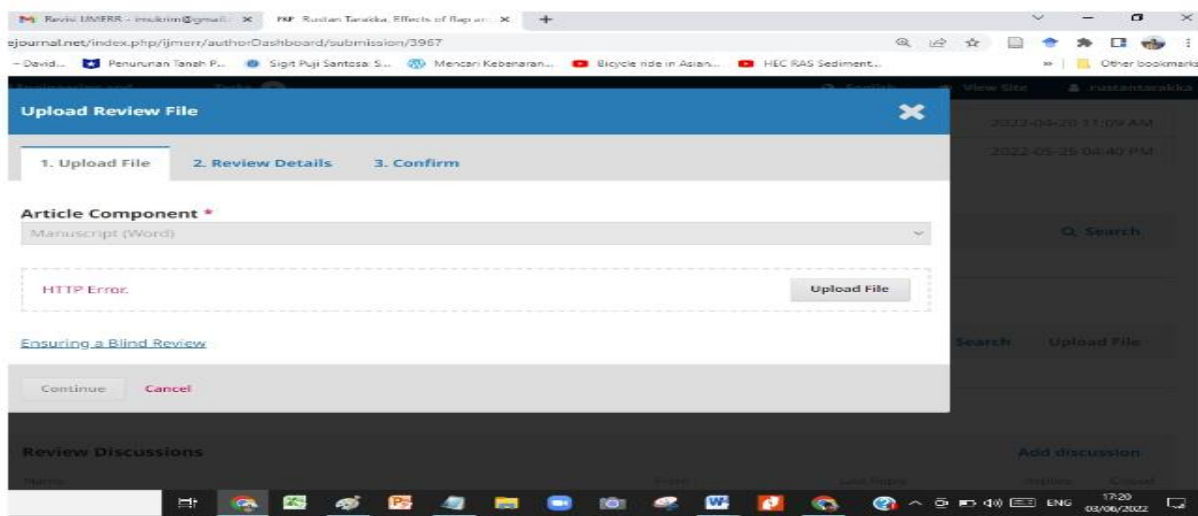
We hope that the revision could fulfill what the reviewers want.

Thank you very much. Thank you very much for your kind attention.

Sincerely yours,

Corresponding author

Dr. Rustan Tarakka



Dear Dr. Rustan Tarakka,

I received your files, thank you. However, could you please give a response to the reviewer's the following comments?

"The flap wing assembly is not suitable for flow control. Because, as it is understood from the numerical results, a slot should be formed between the wing and the flap when the flap opens. Hence the flow emerging from the slot should delay the flow separation by energizing the core flow emanating over the wing surface and passing through the top surface of the flap. As can be seen from the figures in the article, the gap between the wing and the flap does not act as a slot that ejects the flow in parallel to the wing's surface when the flap is open. That is, the central line of the flap should be below the central line of the wing so that the flow passing through the gap will not move in the vertical direction, but the fluid will move over the flap surface as expected for avoiding flow separations."

We look forward to hearing from you.

Ms. Ashley Zhang

ashley

2022-06-10 04:01

PM

Dear Ms. Ashley Zhang

rustantarakka
2022-06-14 09:39
AM

Journal Editor of IJMERR (International Journal of Mechanical Engineering and Robotics Research)

ashley.zhang@ejournal.net

We have revised our paper "Effects of flap angles on aerodynamic performances of wing model of homebuilt aircraft" authored by Nasaruddin Salam, Rustan Tarakka, Jalaluddin, Dandhy Iriansyah, and Muhammad Ihsan, to be considered in the International Journal of Mechanical Engineering and Robotics Research, based on reviewer's comments.

The last revisions are on Part 1. Introduction, dealing with a new version of the information of literature regarding the research topic.

In a response to the reviewer's comment :

"The flap wing assembly is not suitable for flow control. Because, as it is understood from the numerical results, a slot should be formed between the wing and the flap when the flap opens. Hence the flow emerging from the slot should delay the flow separation by energizing the core flow emanating over the wing surface and passing through the top surface of the flap. As can be seen from the figures in the article, the gap between the wing and the flap does not act as a slot that ejects the flow in parallel to the wing's surface when the flap is open. That is, the central line of the flap should be below the central line of the wing so that the flow passing through the gap will not move in the vertical direction, but the fluid will move over the flap surface as expected for avoiding flow separations."

We can explain that the wing assembly with the flap is made rather tight which causes the flow from the slot to not function properly to delay the flow separation on the wing surface and flap surface. However, the change in flap angle indicates a change in the lift coefficient and drag coefficient as the flap angle increases, which is shown in the figure about the experimental characteristics. The numerical results, which are shown in the article drawings, show the formation of an increasing vortex at a larger flap angle. This is caused by lower pressure on the upper surface than the pressure on the lower surface. The vortex that occurs can be reduced if the flow separation can be delayed, this condition is possible if the flow from the slot is functioning properly. (This explanation is included in the last version of the article, at the end of Section III. Results and Discussion)

We have also addressed a thorough grammar check and proofreading by a professional proofreader agency (the certificate is attached)

We have applied track changes in this latest revision of the paper. We hope that the revision could fulfill what the reviewers want.

Thank you very much. Thank you very much for your kind attention.

Sincerely yours,

Corresponding author

Dr. Rustan Tarakka

Dept. of Mechanical Engineering

Hasanuddin University

Dear Dr. Rustan Tarakka,

ashley

2022-06-17 01:55

PM

Thanks for your information. However, we request that you make minor revisions before it is officially accepted.

1. The citation in the introduction is so rough(...as well as modifications of the flap on a specific NACA airfoil family [1]–[9].)

The Introduction section needs a major revision in terms of providing a more accurate background and informative literature review and the pros and cons of the available approaches and how the proposed method is different comparatively, so that readers could clearly identify the article relates to competing ideas.

Also, more in-depth analysis of the motivation and contribution of this paper in the introduction section.

2. We would like to invite you to make formatting modifications according to journal template (attached)

We look forward to hearing from you.

Ms. Ashley Zhang

 [IJMERR-3967-Revised V2.docx](#)

 [IJMERR-template.doc](#)

► Subject: 4th revisions of Manuscript ID: IJMERR-3967

rustantarakka
2022-06-23 09:49
AM

Dear Ms. Ashley Zhang
Journal Editor of IJMERR (International Journal of Mechanical Engineering and
Robotics Research)
ashley.zhang@ejournal.net

We have revised our paper "Effects of flap angles on aerodynamic performances of wing model of homebuilt aircraft" authored by Nasaruddin Salam, Rustan Tarakka, Jalaluddin, Dandhy Iriansyah, and Muhammad Ihsan, to be considered in the International Journal of Mechanical Engineering and Robotics Research, based on reviewer's comments.

The last revisions are on Part 1. Introduction, adding some detailed reference information of the previous study (highlighted in yellow).

We have also adjusted the manuscript to follow the IJMERR template.

However, we can not upload the paper due to HTTP error in the IJMERR OJS dialog, so We email you instead.

We hope that the revision could fulfill what the reviewers want.

Thank you very much. Thank you very much for your kind attention.

Sincerely yours,

Corresponding author

Dr. Rustan Tarakka
Dept. of Mechanical Engineering
Hasanuddin University

Dear Dr. Rustan Tarakka,

Thanks for your information, however, I did not receive a message from you in the email box, could you please resend once again, thank you.

Ashley

ashley
2022-06-23 10:40
AM

Dear Ms. Ashley Zhang
Journal Editor of IJMERR (International Journal of Mechanical Engineering and
Robotics Research)
ashley.zhang@ejournal.net

rustantarakka
2022-06-23 04:53
PM

We will resend it immediately afterward.

Sorry for the inconvenience.

Thank you very much. Thank you very much for your kind attention.

Sincerely yours,

Corresponding author

Dr. Rustan Tarakka
Dept. of Mechanical Engineering
Hasanuddin University

[ijmerr] Manuscript ID: IJMERR-3967 - Editor Decision - Accepted for Publication

2022-06-24 11:49 AM

Dear Nasaruddin Salam, Rustan Tarakka, Jalaluddin, Dandhy Iriansyah, Muhammad Ihsan,

We are pleased to inform you that the following paper has been officially accepted for publication in International Journal of Mechanical Engineering and Robotics Research.

Manuscript ID: IJMERR-3967

Title: Effects of flap angles on aerodynamic performances of wing model of homebuilt aircraft

Submission URL: <http://ojs.ejournal.net/index.php/ijmerr/authorDashboard/submission/3967>

Your paper will be charged for publishing (350 USD), and the detailed payment information can be found at the end of this email. **If the payment is ready, please send us the payment screenshot and order ID for the record.**

Once the payment is confirmed, We will make the final preparation, and then return the edited manuscript to you for your approval.

Please feel free to email us with any questions.

Ms. Ashley Zhang/Handing Editor
ashley.zhang@ejournal.net

Please proceed with the payment at the following link (No handling fees)

Payment link: <http://confsys.iconf.org/online-payment/18130>

Terms of Payment: **10 days**

Please make sure you have VISA or Mastered Card Credit Card before clicking this link, and you should also calculate the right amount and pay.

The following information is necessary.

Full Name*:

Email*:

Event Acronym*: IJMERR

Event URL*: <http://www.ijmerr.com/>

Acceptance/Paper ID*: IJMERR-3967

Paper Title*: Effects of flap angles on aerodynamic performances of wing model of homebuilt aircraft



Participants

Ms. Ashley Zhang (ashley)

Rustan Tarakka (rustantarakka)

Messages

Note

From

Dear Rustan Tarakka,

ashley

Many thanks for your support of open access publishing in International Journal of Mechanical Engineering and Robotics Research. And I will contact you in a week for the final proofreading. Please find below the APC payment confirmation for the following article:

2022-06-27 11:45

AM

Payment of Invoice: IJMERR-3967

Title: Effects of flap angles on aerodynamic performances of wing model of homebuilt aircraft

Amount Received: 350 USD

Order ID: 20220626-18130-061303150800

This is the confirmation of APC payment. No need to reply to this email.

Ms. Ashley Zhang/Handing Editor

ashley.zhang@ejournal.net



Participants

Ms. Ashley Zhang (ashley)

Rustan Tarakka (rustantarakka)

Messages

Note

From

Dear Authors,

ashley

We invite you to proofread your manuscript prior to publication:

2022-08-05 05:59

PM

Title: Effects of flap angles on aerodynamic performances of wing model of homebuilt aircraft

Submission URL:

<http://ojs.ejournal.net/index.php/ijmerr/authorDashboard/submission/3967>

Please read the following instructions carefully before proofreading:

(1) Download the manuscript from the above link (copyediting menu-copyedited) and upload the final proofed version within **a week**.

(2) Please use Microsoft Word's built-in track changes function to highlight any changes you make or send a comprehensive list of changes in a separate document. Note that this is the **last chance** to make textual changes to the manuscript.

(3) All authors must agree to the final version. Check carefully that authors' names and affiliations are correct, and that funding sources are correctly acknowledged. Incorrect author names or affiliations are picked up by indexing databases, such as Scopus, and can be difficult to correct.

Once proofreading is done, please click on the above link to open the submission system, create a new discussion, and upload the final approved version. (copyediting - add discussion - add Journal editor as Participants). After proofreading, final production will be carried out. Once a paper has been published online, we will not accept any corrections or changes to the published version. Changes made later will be published separately via a Correction or Addendum.

In case of any questions regarding final proofreading, please don't hesitate to contact us.

Ms. Ashley Zhang/Handling Editor
ashley.zhang@ejournal.net



Participants

Ms. Ashley Zhang (ashley)

Rustan Tarakka (rustantarakka)

Messages

Note

From

Dear Rustan Tarakka:

ashley

2022-08-10 02:14

PM

The editing of your submission, "Effects of flap angles on aerodynamic performances of wing model of homebuilt aircraft," is complete. We are now sending it to production. **If you have any questions for the publication schedule, please contact the editorial office at ijmerr@vip.163.com.**

Submission URL:

<http://ojs.ejournal.net/index.php/ijmerr/authorDashboard/submission/3967>

Ms. Ashley Zhang/Handling Editor

ashley.zhang@ejournal.net



Participants

Ms. Haylee Lin (haylee)

Ms. Ashley Zhang (ashley)

Rustan Tarakka (rustantarakka)

Messages

Note

From

Dear Authors,

haylee

We are pleased to inform you that your article "Effects of flap angles on aerodynamic performances of wing model of homebuilt aircraft" has been published in "International Journal of Mechanical Engineering and Robotics Research" and is available online:

2022-12-05 12:02
PM

Website link: <http://www.ijmerr.com/index.php?m=content&c=index&a=show&catid=217&id=1824>

Please take a moment to check that everything is correct. You can reply to the journal editorial office (ijmerr@vip.163.com) if there is a problem. Note that at this stage we will not accept further changes to the manuscript text.

Thank you for choosing "International Journal of Mechanical Engineering and Robotics Research" to publish your work, we look forward to receiving further contributions from your research group in the future.

Ms. Haylee Lin
haylee.lin@ejournal.net

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International Journal of Mechanical Engineering and Robotics Research

Website: <http://www.ijmerr.com/>

Email: ijmerr@vip.163.com