

**THE INCORPORATION OF COMMUNICATION SKILLS IN AVIATION
ENGLISH LEARNING MATERIALS FOR STUDENT PILOTS**



**A Skripsi Submitted in Partial Fulfilment of the Requirements for the Degree of
“Sarjana Pendidikan”**

**Clara Audia Thorefi
1202617034**

**ENGLISH LANGUAGE EDUCATION STUDY PROGRAM
FACULTY OF LANGUAGE AND ARTS
UNIVERSITAS NEGERI JAKARTA
2021**

LEMBAR PENGESAHAN

Skripsi ini diajukan oleh:

Nama : Clara Audia Thorefi
No. Registrasi : 1202617034
Program Studi : Pendidikan Bahasa Inggris
Fakultas : Bahasa dan Seni
Judul Skripsi : *The Incorporation of Communication Skills in Aviation English Learning Materials for Student Pilots*

Telah berhasil dipertahankan dihadapan dewan penguji, dan diterima sebagai persyaratan yang diperlukan untuk memperoleh gelar Sarjana Pendidikan pada Fakultas Bahasa dan Seni Universitas Negeri Jakarta.

Dewan Penguji

Ketua Penguji



Dr. Ifan Iskandar, M.Hum.
NIP. 197205141999031003

Pembimbing II



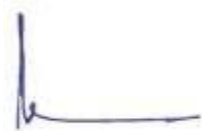
Dr. Ratna Dewanti, M.Pd
NIP. 196211071988032001

Penguji Ahli Materi



Tara Mustikaning Palupi, M.Hum
NIP. 198706222019032010

Penguji Ahli Metodologi



Prof. Dr. Ilza Mayuni, M.A.
NIP. 195906221986022001

Jakarta, 22 Agustus 2021

Dekan, Fakultas Bahasa dan Seni



Dr. Liliana Muliastuti, M.Pd.
NIP. 1968052919

LEMBAR PERNYATAAN

Yang bertanda tangan di bawah ini :

Nama : Clara Audia Thorefi

No. Registrasi : 1202617034

Prodi : Pendidikan Bahasa Inggris

Fakultas : Bahasa dan Seni

Judul Skripsi :

The Incorporation of Communication Skills in Aviation English Learning
Materials for Student Pilots

Menyatakan bahwa benar skripsi ini adalah hasil karya saya sendiri. Apabila saya mengutip dari karya orang lain, maka saya mencantumkan sumbernya dengan ketentuan yang berlaku. Saya bersedia menerima sanksi dari Fakultas Bahasa dan Seni, Universitas Negeri Jakarta apabila saya terbukti melakukan kegiatan plagiarisme.

Demikian saya membuat pernyataan ini dengan sebenar-benarnya.

Jakarta, 24 Agustus 2021



Clara Audia Thorefi

NIM. 1202617034



KEMENTERIAN PENDIDIKAN DAN KEBUDAYAAN
UNIVERSITAS NEGERI JAKARTA
UPT PERPUSTAKAAN

Jalan Rawamangun Muka Jakarta 13220
Telepon/Faksimili: 021-4894221
Laman: lib.unj.ac.id

**LEMBAR PERNYATAAN PERSETUJUAN PUBLIKASI KARYA ILMIAH
UNTUK KEPENTINGAN AKADEMIS**

Sebagai sivitas akademika Universitas Negeri Jakarta, yang bertanda tangan di bawah ini, saya:

Nama : Clara Audia Thorefi
NIM : 1202617034
Fakultas/Prodi : Bahasa dan Seni / Pendidikan Bahasa Inggris
Alamat email : clarathorefi@gmail.com

Demi pengembangan ilmu pengetahuan, menyetujui untuk memberikan kepada UPT Perpustakaan Universitas Negeri Jakarta, Hak Bebas Royalti Non-Eksklusif atas karya ilmiah:

Skripsi Tesis Disertasi Lain-lain (.....)

yang berjudul :

***The Incorporation of Communication Skills in Aviation English Learning
Materials for Student Pilots***

Dengan Hak Bebas Royalti Non-Eksklusif ini UPT Perpustakaan Universitas Negeri Jakarta berhak menyimpan, mengalihmediakan, mengelolanya dalam bentuk pangkalan data (*database*), mendistribusikannya, dan menampilkan/mempublikasikannya di internet atau media lain secara *fulltext* untuk kepentingan akademis tanpa perlu meminta ijin dari saya selama tetap mencantumkan nama saya sebagai penulis/pencipta dan atau penerbit yang bersangkutan.

Saya bersedia untuk menanggung secara pribadi, tanpa melibatkan pihak Perpustakaan Universitas Negeri Jakarta, segala bentuk tuntutan hukum yang timbul atas pelanggaran Hak Cipta dalam karya ilmiah saya ini.

Demikian pernyataan ini saya buat dengan sebenarnya.

Jakarta, 24 Agustus 2021
Penulis

Clara Audia Thorefi

ABSTRACT

Clara Audia Thorefi, 2021. *The Incorporation of Communication Skills in Aviation English Learning Materials for Student Pilots.* A Skripsi. Jakarta: English Language Education Study Programme, Faculty of Language and Arts, Universitas Negeri Jakarta, January 2021.

Communication skills plays so much important role in humans' daily activities including in air travel, particularly in terms of aviation safety. Pilots are required to communicate effectively to the ATCs because they are responsible for the safety of the passengers. Effective communication between Pilots and ATC can be done if both have good communication skills. In aviation industry, both Pilots and ATC required reach a minimum of International Civil Aviation Organization (ICAO) level 4 to get a work permit. Therefore, to achieve these goals, the role of learning materials as learning resources for Pilots and ATC is very much needed. TLM (Teaching Learning Materials) are widely acknowledged as one of the most important components in language teaching to support language-learning success. TLM is critical for self-study as well as teachers in lesson planning, assisting them in their professional duties, and using them as resources to describe instructions. This study aims to investigate the incorporation of communication skills in the learning materials for student Pilots and explain the ways communication skills is incorporated in learning materials for student Pilots. This study also conducted using qualitative content analysis, where the researcher analyzes the incorporation of communication skills provided in the Aviation English learning materials used by student Pilots using 24 point of indicators as this research instrument. This study's findings shows from total 12 learning materials, 4 of them are not incorporated the communication skills and the rest 7 learning materials incorporated the communication skills. The learning materials used by flight schools or academies mostly incorporate communication skills through activities in the form of instructions and content because these skills are essential for student Pilots.

Keywords : *Communication skills, effective communication, learning materials.*

ABSTRAK

Clara Audia Thorefi, 2021. *The Incorporation of Communication Skills in Aviation English Learning Materials for Student Pilots.* A Skripsi. Jakarta: English Language Education Study Programme, Faculty of Language and Arts, Universitas Negeri Jakarta, January 2021.

Keterampilan komunikasi sangat berperan penting dalam aktivitas manusia sehari-hari termasuk dalam perjalanan udara, khususnya dalam hal keselamatan penerbangan. Pilot dituntut untuk berkomunikasi secara efektif dengan ATC karena mereka bertanggung jawab atas keselamatan penumpang. Komunikasi yang efektif antara Pilot dan ATC dapat dilakukan jika keduanya memiliki kemampuan komunikasi yang baik. Dalam industri penerbangan, baik Pilot maupun ATC diharuskan mencapai minimal International Civil Aviation Organization (ICAO) level 4 untuk mendapatkan izin kerja. Oleh karena itu, untuk mencapai tujuan tersebut, peran bahan ajar sebagai sumber belajar bagi Pilot dan ATC sangat dibutuhkan. TLM (Teaching Learning Materials) secara luas diakui sebagai salah satu komponen terpenting dalam pengajaran bahasa untuk mendukung keberhasilan pembelajaran bahasa. TLM sangat penting untuk belajar mandiri serta guru dalam perencanaan pelajaran, membantu mereka dalam tugas profesional mereka, dan menggunakannya sebagai sumber daya untuk menjelaskan instruksi. Penelitian ini bertujuan untuk menyelidiki penggabungan keterampilan komunikasi dalam materi pembelajaran untuk siswa pilot dan menjelaskan cara keterampilan komunikasi dimasukkan dalam materi pembelajaran untuk pilot siswa. Penelitian ini juga dilakukan dengan menggunakan analisis isi kualitatif, dimana peneliti menganalisis penggabungan keterampilan komunikasi yang diberikan dalam materi pembelajaran Bahasa Inggris Penerbangan yang digunakan oleh siswa Pilot menggunakan 24 poin indikator sebagai instrumen penelitian ini. Temuan penelitian ini menunjukkan dari total 12 bahan ajar, 4 bahan ajar belum termasuk keterampilan komunikasi dan 7 bahan ajar sisanya termasuk keterampilan komunikasi. Materi pembelajaran yang digunakan oleh sekolah atau akademi penerbangan sebagian besar menggabungkan keterampilan komunikasi melalui kegiatan dalam bentuk instruksi dan konten karena keterampilan ini sangat penting bagi siswa Pilot.

Keywords : *Communication skills, effective communication, learning materials.*

ACKNOWLEDGEMENT

Bismillahir rahmanir Rahim. With endless gratitude, all praise be to Allah, the Lord of the worlds, who has given all the blessings during the process of working on this research. Of course, it is only with His permission that this research can be completed appropriately.

First of all, I would like to express my recognition to Ayah and Bunda who have given me the privilege to be able to pursue the higher education. Ayah and Bunda have taken good care of me and wished me to be a worthwhile child. I will always dedicate all of my hard works for both of you and you should know that I love you so much.

My deepest gratitude goes to Dr. Ifan Iskandar, M.Hum. and Dr. Ratna Dewanti, M.Pd. as my supervisor who guide me how to properly arrange this research. Likewise for Prof. Dr. Ilza Mayuni, M.A. and Tara Mustikaning Palupi, M. Hum. as my examiner who has taken the time to provide constructive feedback to make my research better. May Allah bless all of your dedication.

To my self, the girl who I love the most. Thank you for being tough and responsible for all of your tasks. I know it's not easy to work on this research while you have the obligation to work for your own income. But hey, you eventually did it, right? You deserve the best things in this world. You should be happy now and forever.

My favorite duo girlfriends, Mentari Ramadhani and Maura Hanifah. My thank wouldn't be enough to pay all of your time sticking with me through the hard and good times. Please stay true until forever. College would never be fun without you two.

Shoutout to all of my college survival partners; Putri, Dandy, Izni, Marfi, Eva, and Nadila. Of course not forgetting my 10 years and still counting junior high schools buddies, Babo. As well as for my discord and go to partners, you know who you are. I couldn't make it without all of your endless support and friendship.

To the one who find me at my worst and still see my worth, mas Rifqi Alwan Albarri, the reason why I keep going with the Aviation English topics. Thank you for being a great partner from the beginning while compile this research. Let's cherish our moments to many years to come.

Last but not least, for all those who have helped me in any circumstances whose names I cannot mention one by one, thank you very much, may goodness also come to you.

Jakarta, 22 Agustus 2021

TABLE OF CONTENTS

| | |
|---|-----|
| LEMBAR PENGESAHAN..... | i |
| LEMBAR PERNYATAAN..... | ii |
| LEMBAR PERNYATAAN PERSETUJUAN PUBLIKASI KARYA ILMIAH UNTUK KEPENTINGAN AKADEMIS..... | iii |
| ABSTRACT..... | iv |
| ACKNOWLEDGEMENT..... | v |
| TABLE OF CONTENTS..... | vi |
| CHAPTER 1 INTRODUCTION..... | 1 |
| 1.1 Background of the Study..... | 1 |
| 1.2 Research Questions..... | 1 |
| 1.3 Research Purposes..... | 3 |
| 1.4 Scope of the Study..... | 4 |
| 1.5 Significance of the Study..... | 4 |
| CHAPTER 2 LITERATURE REVIEW..... | 5 |
| 2.1 Communication Skills..... | 5 |
| 2.2 English for Specific Purpose (ESP)..... | 7 |
| 2.2.1 Aviation English..... | 8 |
| 2.3 Learning Materials..... | 11 |
| 2.4 Previous Findings..... | 13 |
| 2.5 Conceptual Framework..... | 13 |

| | |
|---|----|
| CHAPTER 3 METHODOLOGY..... | 15 |
| 3.1 Research Design..... | 15 |
| 3.2 Data and Data Source..... | 15 |
| 3.3 Research Instrument..... | 17 |
| 3.4 Data Collection Procedure..... | 20 |
| 3.5 Data Analysis Procedure..... | 21 |
| CHAPTER IV FINDINGS AND DISCUSSIONS..... | 22 |
| 4.1 Research Findings..... | 22 |
| 4.2 Research Discussions..... | 26 |
| 4.2.1 Aviation English for ICAO compliance coursebook (LM 1)..... | 26 |
| 4.2.2 English for Aviation for Pilots and Air Traffic Controllers coursebook (LM 2)..... | 32 |
| 4.2.3 Oxford Book Theoretical Knowledge Manual 090 Communication Chapter 3 coursebook (LM 3)..... | 36 |
| 4.2.4 English for Aviation PPT 1 (LM 4)..... | 39 |
| 4.2.5 Radiotelephony (RTF) procedures handouts 1 (LM 9)..... | 43 |
| 4.2.6 Understanding English Grammar by Betty Azar coursebook (LM 8)..... | 44 |
| 4.2.7 Manual of Radiotelephony (LM 11)..... | 49 |
| 4.2.8 Annex 10 Aeronautical Telecommunications..... | 51 |
| CHAPTER V CONCLUSIONS AND RECOMMENDATION..... | 54 |
| 5.1 Conclusions..... | 54 |
| REFERENCE..... | 56 |

APPENDICES.....58