

仪表飞行程序在飞行中的应用研究

摘 要

仪表飞行程序是机场安全有效运行的基本条件，使得飞行员能够驾驶飞机有序的进行起飞离场、进场、进近以及复飞等待等一系列有规律的飞行活动。飞行员每次飞行之前，都需要对仪表飞行程序进行系统的分析和学习，然后把其中的能够影响飞行任务的要点标出来进行讨论。所以对于每一个飞行员，学会合理准确使用仪表飞行程序是保证飞行安全的必备技能。在实施飞行时，为达到和保持运行中可接受的安全水平，必须严格遵守规定的程序。本文根据美国和我国仪表飞行程序的发展现状，指出了两者在仪表飞行程序存在的差异，详细地阐述了仪表飞行程序的重要性和组成内容。运用国外学习的程序图，分析了起飞离场程序、进场程序、进近程序以及复飞等待程序在飞行训练中的应用，提出了仪表飞行程序实施的注意事项，从而有利于提高飞行学员对仪表飞行程序的应用，为想要了解仪表飞行程序的同学提供了一定的借鉴意义。

关键词：仪表飞行程序；程序图；注意事项

Research on instrument flight procedure research

Abstract

The instrument flight procedure is the basic condition for the safe and effective operation of the airport, which enables pilots to conduct a series of regular flight activities such as takeoff, departure, approach, approach and go around waiting. Before each flight, pilots need to analyze and study the instrument flight procedures systematically, and then mark out the key points that can affect the flight mission for discussion. Therefore, for every pilot, it is necessary to learn how to use instrument flight procedures reasonably and accurately to ensure flight safety. In order to achieve and maintain the acceptable safety level in operation, the prescribed procedures must be strictly followed during flight. According to the development status of instrument flight procedures in the United States and China, this paper points out the differences between them, and expounds the importance and composition of instrument flight procedures in detail. This paper analyzes the application of take-off and departure procedures, approach procedures, approach procedures and go around waiting procedures in flight training by using the program charts learned from abroad, and puts forward the matters needing attention in the implementation of instrument flight procedures, so as to improve the application of instrument flight procedures by flight cadets, and provide certain reference for students who want to understand instrument flight procedures.

Key words : Instrument flight procedure;flightprocedure chart;announcements

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