# ETHICAL ISSUES IN AVIATION

SECOND EDITION



Edited by ELIZABETH A. HOPPE



# **Ethical Issues In Aviation**

**Elizabeth Hoppe** 

#### **Ethical Issues In Aviation:**

Ethical Issues in Aviation Elizabeth Hoppe, 2016-05-13 Applied ethics has been gaining wide attention in a variety of curriculums and there is growing awareness of the need for ethical training in general Well publicized ethical problems such as the Challenger disaster the Ford Pinto case and the collapse of corporations such as Enron have highlighted the need to rethink the role of ethics in the workplace The concept of applied ethics originated in medicine with a groundbreaking book published in 1979 Business ethics books began to appear in the 1980s with engineering ethics following in the 1990s This volume now opens up a new area of applied ethics comprehensively addressing the ethical issues confronting the civil aviation industry Aviation is unique in two major ways firstly it has a long history of government regulations and secondly its primary focus is the safety of its passengers and crew For decades commercial aviation was viewed in the same manner as public utilities and thus it was highly regulated by the government Since the Deregulation Act of 1978 aviation has been viewed as any other business while other experts continue to believe that the sudden switch to deregulation has caused problems especially since many airlines were unprepared for the change Ethical Issues in Aviation focuses on current concerns and trends to reflect the changes that have occurred in this deregulated era The book provides the reader with an overview of the major themes in civil aviation ethics It begins with theoretical frameworks followed by sections on the business side of aviation employee responsibility diversity in aviation ground issues regarding airports air traffic control and security as well as health and the environment The contributors to the volume include both academics doing research in the field as well as professionals who provide accounts of the ethical situations that arise in the workplace **Ethical Issues in Aviation** Elizabeth A. Hoppe, 2018-10-16 The aviation industry is unique in two major ways firstly it has a long history of government involvement dating back to the early days of aviation and secondly its primary concern is the safety of its passengers and crew These features highlight the importance of ethical decision making at all levels of the industry However well publicized problems such as the disappearance of Malaysia Airlines Flight 370 highlight the need for ethics to take a more prominent role in the field Ethical Issues in Aviation focuses on both past and current topics in aviation providing the reader with an overview of the major themes in aviation ethics that cover a broad range of subjects Contributors include academics who do research in the field as well as professionals who provide first hand accounts of the ethical situations that arise in the aviation industry This second edition has been thoroughly revised throughout to bring it up to date and features several new chapters that cover recent events and topics This book enhances student learning by providing faculty students and those interested in aviation with discussion of the most pressing ethical issues that continue to impact the industry

Ethical Issues in Aviation Elizabeth Hoppe, 2016-05-13 Applied ethics has been gaining wide attention in a variety of curriculums and there is growing awareness of the need for ethical training in general Well publicized ethical problems such as the Challenger disaster the Ford Pinto case and the collapse of corporations such as Enron have highlighted the need to

rethink the role of ethics in the workplace The concept of applied ethics originated in medicine with a groundbreaking book published in 1979 Business ethics books began to appear in the 1980s with engineering ethics following in the 1990s This volume now opens up a new area of applied ethics comprehensively addressing the ethical issues confronting the civil aviation industry Aviation is unique in two major ways firstly it has a long history of government regulations and secondly its primary focus is the safety of its passengers and crew For decades commercial aviation was viewed in the same manner as public utilities and thus it was highly regulated by the government Since the Deregulation Act of 1978 aviation has been viewed as any other business while other experts continue to believe that the sudden switch to deregulation has caused problems especially since many airlines were unprepared for the change Ethical Issues in Aviation focuses on current concerns and trends to reflect the changes that have occurred in this deregulated era The book provides the reader with an overview of the major themes in civil aviation ethics It begins with theoretical frameworks followed by sections on the business side of aviation employee responsibility diversity in aviation ground issues regarding airports air traffic control and security as well as health and the environment The contributors to the volume include both academics doing research in the field as well as professionals who provide accounts of the ethical situations that arise in the workplace Manoj S. Patankar, 2020-04-27 Much of the previous literature in the field of safety focuses on either the technical equipment issues or the human performance factors that contribute to the active failures in safety critical systems However this book provides guidance in the moral or ethical aspects of decision making that perpetuate many of the latent failures in safety critical systems The book provides a concise introduction to the ethical foundations and follows up with case studies from aviation healthcare and environmental and occupational health Ethical issues regarding the charging of overweight people on airplanes. The "pay-by-weight" policy Patrick Kimuyu, 2018-01-18 Essay from the year 2018 in the subject Health Public Health grade 1 Egerton University language English abstract Debates over ethical issues do not seem to end anytime soon Over the past half century ethical issues have been emerging in the global society especially the industrialized world For instance the debate over the decriminalization of abortion and euthanasia has lingered around for quite too long without a consensus decision On the other hand the issue of gay marriages that emerge in 1970s remained surrounded by immense controversy until a few months ago when the US Supreme Court brought the issue to rest through upholding gay rights Surprisingly the termination of gay marriages debate did not seem to change the course of ethical phenomena among the global society Recently a new ethical issue emerged the pay as you weigh policy This policy requires obese people to pay extra charge in the airlines In retrospect obesity is considered as an ethical issue and it has emerged to be a controversial subject It is an ethical issue because it causes adverse consequences to obese individuals as well as the society However these factors do not seem to be part of the justification for the introduction of pay as you weigh pricing in the aviation industry Instead the core argument by airline administrators and economists is that flying obese people increases fuel costs

thus the so called fat taxes will address the issue of financial costs Contrary to this perspective held within the aviation industry environmentalists view obesity as an issue that has environmental cost The increased fuel consumption by airplanes is believed to exacerbate climate change primarily global warming due to increased greenhouse gas emissions From these perspectives it is apparent that obesity is a controversial issue Therefore this research will provide a comprehensive overview of the ethical issue of charging overweight people on airlines **An Ethical Dilemma** John R. Ledgerwood, Anastassia Vilderson, Tamilla Curtis, 2017 This case is based on a real situation and covers aspects of unethical decision making practices in the airline industry EastJet an airline company based in Eastern Europe is a small regional air carrier struggling to achieve profitability in a limited niche market EastJet s executive team is expected to make significant cost cuts and show positive changes in the airline s financial situation Newly appointed Onboard Services Manager Emma Banks joins the company and discovers unethical practices related to catering cost calculations and tax evasion Students are asked to analyze the ethical dilemma Emma faced and to assess possible outcomes based on the information provided in the case and class discussions

**The DC-10 Case** John H. Fielder, 1992-01-01 Designed as a textbook for courses in ethics this book provides the material needed to understand the accidents in which more that 700 people were killed accidents that many believe were the result of unethical actions and inactions by individuals organizations and government agencies An introduction to ethical analysis and discussions of the ethical responsibilities involved are also provided. The case study offers material for a sustained inquiry into every level of ethical responsibility reflecting the rich ethical complexity of actual events The DC 10 Case presents these issues through a collection of original and published articles excerpts from official accident reports congressional hearings and other writing on the DC 10 The authors allow the readers to examine the ethical issues of airline safety as they actually occur taking account of the circumstances in which they arise Airline Customer Experience Pushan Kumar Dutta, Martin Ricciuti, Ismail Bogrekci, Sumeet Suseelan, 2025-08-26 In the 21st century commercial aviation has been transformed into a passenger centric business in which the customer has assumed an ever more active role in managing their own journeys This trend is set to continue with innovations and transformations in multiple areas Point of sale solutions will redefine in flight commerce making it easier for passengers to make purchases during their journey Telemedicine will ensure health and safety onboard allowing for immediate medical assistance in case of emergencies. The shift to personal electronic devices for in flight entertainment IFE will cater to the digitally savvy passenger and their expectations in the digital age Smart cabins will revolutionize in flight food and beverage services providing passengers with a more personalized and enjoyable experience Data driven catering will reduce food waste and boost profits in aviation In short all areas of the passenger experience will be affected by ongoing digital transformation Airline Customer Experience Digitalization in Passenger Services aims to show how digitalization is transforming the way the aviation industry operates making it more efficient profitable and sustainable The wide ranging contents embrace all aspects of aviation relating to the customer experience from purchase and pre check

in to the services offered to passengers in flight and beyond The authors present a nuanced and kaleidoscopic view of the airline customer experience which will be at once familiar and illuminating to readers This book is an essential resource for advanced postgraduate students and researchers working in aviation particularly those with a focus on aviation service operations management customer services and customer relationship management Practicing airline managers and operators will also value the innovative insights and examples the book offers Aviation Heroes River Stone, AI, 2025-03-05 Aviation Heroes chronicles the lives and achievements of pilots who propelled aviation forward illuminating the relentless pursuit of technological advancement and the personal sacrifices made along the way From early biplanes to supersonic flight the book explores the evolution of aircraft design and the daring individuals who pushed these machines to their limits Readers will discover how societal attitudes wartime demands and economic factors shaped aviation s progress revealing that progress was as much a product of human ambition as it was of engineering This biography highlights the pioneers like the Wright brothers who initially experimented with flight detailing their breakthroughs It then explores the interwar period s commercial aviation boom the aerial combat advancements of World War II and the jet age The book showcases the calculated innovation of these pilots who strategically balanced risk with a profound belief in flight's transformative potential Through archival photos personal letters and technical specs Aviation Heroes offers a gripping narrative of courage innovation and the socio political factors influencing aviation history **International Aviation Labour Law** Andrea Trimarchi, 2022-06-24 International Aviation Labour Law explores the status quo of the international regulation of labour and employment within the air transport industry and provides a detailed analysis of the regulatory endeavours undertaken at the international European and domestic level to harmonise aviation labour regulations and ensure adequate labour standards for aircrew members Offering an original insight into the regulation of labour in the aviation sector and airline industry it analyses regulatory endeavours undertaken at the international European and domestic level exploring the main challenges arising from non uniform and fragmented regulation of labour standards in the air transport sector In particular it investigates whether aviation labour regulations are sufficiently harmonised at an international level to ensure adequate labour standards for aircrew members Key concerns relating to aviation labour are dealt with from a regulatory and practical perspective and the current normative gaps are examined in view of potential future regulatory trends and solutions via a thorough analysis of the applicable legislation landmark court decisions and the use of practical examples to provide an overview of the various nuances of the topic The book identifies and explore the main implications and repercussions of regulatory asymmetry and highlights the critical role of labour for air transport and how discrepancies in labour regulation may affect the practice of flying and the essence of aviation safety It emphasises a strong need for international regulatory coordination and is a key reference for a varied audience of students academics professionals and rule makers involved in the air transport arena and for all those who have an interest in the regulation of labour and employment in aviation New

Innovations in AI, Aviation, and Air Traffic Technology Khalid, Saifullah, Siddiqui, Neha Nazneen, 2024-07-17 The rapid advancement of technology along with the increasing complexity of air traffic management present significant challenges in aviation management As the industry continues to evolve aviation professionals must stay updated with the latest advancements to ensure safe and efficient operations However accessing comprehensive and up to date resources can be difficult leading to a knowledge gap that hinders the industry's progress New Innovations in AI Aviation and Air Traffic Technology offers a solution to the challenges faced by aviation management professionals by providing a comprehensive overview of futuristic research trends in aviation management Through case studies simulations and experimental results we offer readers a detailed exploration of the latest trends in air traffic management uncrewed aerial vehicles UAVs electric vehicles and more By providing a bridge between theory and practice this book equips aviation professionals with the knowledge and tools needed to navigate and contribute to the rapidly evolving aviation industry Fielder, Douglas Birsch, 1992-07-14 Designed as a textbook for courses in ethics this book provides the material needed to understand the accidents in which more that 700 people were killed accidents that many believe were the result of unethical actions and inactions by individuals organizations and government agencies An introduction to ethical analysis and discussions of the ethical responsibilities involved are also provided. The case study offers material for a sustained inquiry into every level of ethical responsibility reflecting the rich ethical complexity of actual events The DC 10 Case presents these issues through a collection of original and published articles excerpts from official accident reports congressional hearings and other writing on the DC 10 The authors allow the readers to examine the ethical issues of airline safety as they actually occur taking account of the circumstances in which they arise Green Aviation Ramesh Agarwal, Fayette Collier, Andreas Schaefer, Allan Seabridge, 2016-09-20 Green Aviation is the first authoritative overview of both engineering and operational measures to mitigate the environmental impact of aviation It addresses the current status of measures to reduce the environmental impact of air travel The chapters cover such items as Engineering and technology related subjects aerodynamics engines fuels structures etc Operations air traffic management and infrastructure Policy and regulatory aspects regarding atmospheric and noise pollution With contributions from leading experts this volume is intended to be a valuable addition and useful resource for aerospace manufacturers and suppliers governmental and industrial aerospace research establishments airline and aviation industries university engineering and science departments and industry analysts Air Transport Management Lucy Budd, Stephen Ison, 2020-04-03 Air Transport consultants and researchers Management An International Perspective provides in depth instruction in the diverse and dynamic area of commercial air transport management The 2nd edition has been extensively revised and updated to reflect the latest developments in the sector The textbook includes both introductory reference material and more advanced content so as to provide a solid foundation in the core principles and practices of air transport management This 2nd edition includes a new chapter on

airline regulation and deregulation and new dedicated chapters focusing on aviation safety and aviation security Four new contributors bring additional insights and expertise to the book The 2nd edition retains many of the key features of the 1st edition including A clearly structured topic based approach that provides information on key air transport management issues including aviation law economics airport and airline management finance environmental impacts human resource management and marketing Chapters authored by leading air transport academics and practitioners worldwide which provide an international perspective Learning objectives and key points which provide a framework for learning Boxed case studies and examples in each chapter Keyword definitions and stop and think boxes to prompt reflection and aid understanding of key terms and concepts Designed for undergraduate and postgraduate students studying aviation and business management degree programmes and industry practitioners seeking to expand their knowledge base the book provides a single point of reference to the key legal regulatory strategic and operational concepts and processes that shape the form and function of the world's commercial air transport industry Medicine, Power, and the Law Anne Zimmerman, 2023-11-25 Medicine Power and the Law demonstrates that criminal and civil justice interact with medicine and public health more than is presently understood The book focuses on the role of healthcare practitioners and an array of other professionals across industries in identifying wrongdoers reporting behavior and testifying on behalf of the state or government agencies It also covers circumstances in which law enforcement relies on medicine for evidence or support in ways that compromise medical ethics By reporting or testifying as experts a range of people from specialist pediatricians to flight attendants can have a life changing impact on individuals in the name of public health or medicine People who work in hospitals social work settings and even airlines often contribute to wrongful and aggressive criminal and civil actions against society s most vulnerable people including parents older adults and people living with poverty The book explores a number of examples including police use of medicine as a restraint or the collection of blood as evidence and the risks of opting out of certain scientific discoveries such as pharmaceuticals It describes the harms that may come to those who engage in suboptimal but generally heretofore legal child raising behaviors and people opting to live independently as older adults These can lead to civil and criminal charges when noticed by those in a position of power Medicine Power and the Law is an important contribution for researchers and practitioners in medicine the law and the expanding field of bioethics

Remotely Piloted Aircraft Systems Nancy J. Cooke, Leah J. Rowe, Winston Bennett, Jr., DeForest Q. Joralmon, 2016-08-12 Highlights the human components of Remotely Piloted Aircraft Systems their interactions with the technology and each other and the implications of human capabilities and limitations for the larger system Considers human factors issues associated with RPAS but within the context of a very large system of people other vehicles policy safety concerns and varying applications Chapters have been contributed by world class experts in HSI and those with operational RPAS experience Considers unintended consequences associated with taking a more myopic view of this system Examines implications for

**Compensating Landowners in the** practice policy and research Considers both civil and military aspects of RPAS Vicinity of Airports Magdalena Habdas, 2023-11-22 The purpose of this book is to consider the neighbour conflict arising between airports and neighbouring owners of land particularly with residential uses as well as to assess the existing solutions applied to manage or resolve that conflict The book explains why the neighbour conflict between the airport and landowners is of a particular kind and what legal instruments are applied to address it in an attempt to balance the interests of opposing parties Readers will develop an understanding of how the law operates when damage is caused by a legal act of the government and what the limits of compensable loss are In addition the reader will discover the economic foundations of possible solutions and why not all market losses are legally compensable Key features of this book include a consideration of key legal concepts such as neighbour law nuisance protection of property land use restrictions liability and compensation to inform a unique analysis of neighbour law in the context of conflict between airports and neighbouring landowners practical guidance on an airport s legal liability towards neighbouring landowners a comparative analysis of airport s liability compensation claims their scope and economic effects a comparative overview of planning and environmental solutions applied in a variety of jurisdictions a discussion of valuation methods and challenges when loss of property value is the measure of compensation The Author's intention is to promote conscious and civil relations among market participants as opposed to opportunistic and speculative behaviour This book is important reading for lawyers academics PhD students and postgraduate students dealing with land use regulations environmental law compulsory purchase eminent domain and expropriation issues compensation for property restrictions as well as with aviation law and legal aspects of airport General Aviation Security Ph.D, Daniel J. Benny, 2012-08-16 After 9 11 the initial focus from the U S operations government media and the public was on security at commercial airports and aboard commercial airlines Soon investigation revealed the hijackers had trained at flight schools operating out of general aviation airports leading to a huge outcry by the media and within the government to mandate security 
Digitalization and the Impacts of COVID-19 on the Aviation **Industry** Kurnaz, Salim, Argın, Emrah, 2022-04-08 In the 21st century digital technologies have become an indispensable part of our lives due to the speed and convenience they provide The digitalization trend has accelerated after the initial outbreak of the COVID 19 pandemic Many businesses are taking measures to adapt and do business in a world where everything from teamwork teaching sales and customer service is done remotely Aviation companies hit particularly hard by the pandemic due to huge declines in passenger and freight demand must focus on the use of digital technologies to regain organizational success Digitalization and the Impacts of COVID 19 on the Aviation Industry presents the relationship between the aviation industry and digitalization It studies the effects of digitalization and the COVID 19 pandemic on the aviation industry This publication offers both empirical and theoretical information to analyze the future of the aviation industry Covering topics such as aviation education corporate communication and marketing challenges this book is an essential resource for

researchers academicians students and educators of higher education government officials leaders in the aviation industry marketing managers and communications specialists Strategic Management and Policy in the Global Aviation **Industry** Kurnaz, Salim, Rodrigues, Antonio, Padhra, An?1,2024-04-09 The aviation industry presents a unique conundrum with the complex relationship between government oversight and business management While the aviation industry operates in a business oriented manner a considerable number of aviation companies and airports worldwide are still government owned The COVID 19 pandemic has accentuated the pivotal role of governments in the industry highlighting the need for a comprehensive understanding of this interaction given the sector's massive economic influence and the extensive investment required The need for an in depth exploration of this liaison has never been more pressing Strategic Management and Policy in the Global Aviation Industry offers an insightful and comprehensive solution to this enigmatic issue This book delves into the dynamics of the aviation sector's reliance on government intervention and support providing invaluable perspectives for academic scholars and industry enthusiasts It explores the critical role governments play in the development and sustainability of aviation companies especially in the wake of the pandemic where governments worldwide stepped in to bolster their national aviation companies Additionally the book explores the industry's efforts to align with the United Nations sustainability targets and the critical influence of government regulations in achieving these goals It also dissects the digital transformation and the integration of innovative technologies in aviation setting the stage for a more efficient and innovative industry Furthermore it unveils the burgeoning role of artificial intelligence in the quest for cost reduction and enhanced operational efficiency in the fiercely competitive aviation market

Unveiling the Magic of Words: A Overview of "Ethical Issues In Aviation"

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