

THE AVIATION LAW
REVIEW

EIGHTH EDITION

Editor
Sean Gates

THE LAWREVIEWS

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REVIEW

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This article was first published in July 2020
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Published in the United Kingdom

by Law Business Research Ltd, London

Meridian House, 34–35 Farringdon Street, London, EC4A 4HL, UK

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Enquiries concerning editorial content should be directed
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ISBN 978-1-83862-435-4

Printed in Great Britain by

Encompass Print Solutions, Derbyshire

Tel: 0844 2480 112

ACKNOWLEDGEMENTS

The publisher acknowledges and thanks the following for their assistance throughout the preparation of this book:

ANJARWALLA & KHANNA LLP

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PREFACE

I am delighted to continue to be associated with *The Aviation Law Review*, of which this is the eighth edition. Aviation continues to be among The Law Reviews' most successful publications; its readership has been vastly enhanced by making it accessible online to over 12,000 in-house counsel, as well as subscribers to Bloomberg Law and LexisNexis. This year I welcome new contributions from France, South Korea and Spain, plus two new chapters concerning covid-19, as well as extending my thanks and gratitude to our other new contributors and to our regular contributors for their continued support. Readers will appreciate that contributors voluntarily donate considerable time and effort needed to make these contributions as useful as possible to them. All contributors are selected based on their knowledge and experience in aviation law, and we are fortunate to enjoy their support.

Covid-19 is inevitably the focus of attention in our sector as in all others. The loss of life is the paramount concern and dominates one's thoughts. However, the commercial devastation also has consequences for the wellbeing of humanity given the financial damage it is wreaking, which is particularly pronounced in the travel industry. With airlines grounded by travel bans and the closure of airspace, all the participants in the industry at large are facing financial collapse as revenue disappears and fixed costs remain. Lessors still need to be paid, routine maintenance cannot be ignored, staff have to be paid or discharged, and even with the patchwork of governmental support around the world, there are bound to be many who fail and a few, not necessarily among the most efficient, that survive. At the time of writing, it is too early to forecast the landscape post pandemic, but it will certainly be changed forever, with probably the most significant impacts on leisure and regional carriage, the former being more expensive to address distancing practices and the latter with their smaller balance sheets being less able to withstand the loss of revenue.

Much has been written on the question of whether contractual liabilities will be impacted by the consequences of the pandemic, and in this edition I am pleased to have worked with colleagues in Belgium and Germany, to whom I extend my thanks, on articles addressing these issues and on EU 261. The latter is a work of the Commission in progress at the time of writing with short- and long-term discussions ongoing concerning the pernicious effects of this extensively juridically rewritten regulation. The outcome of those discussions is awaited, albeit with some dread!

When I last wrote this preface, the shocking B737 Max disaster was unfolding. The method of self-approval adopted by Boeing with the support of the FAA has been the subject of much criticism, the more so since approval by the FAA has routinely been followed by other regulators hitherto without serious challenge and because the FAA was the last, rather than the first, influential regulator to ground the type following the two fatal accidents. The consequences are still unfolding, but in the meantime, Boeing has managed to refinance itself

and continues to deal with the claims of airlines whose fleets were grounded pre pandemic. The intervention of that virus may have perversely given the company some relief from its continuing obligations, though the damage to its reputation for trustworthiness will take longer to repair, leaving Airbus in a much stronger position. In addition, the ending of the merger talks with Embraer may lead to the reemergence of the latter as challenger in at least the single aisle jet market. The Federal Bureau of Investigation continues its criminal investigation of the certification of the type, following the establishment of a grand jury investigation of the certification process and the investigations based on the embarrassing disclosures of emails from within Boeing graphically charting the recognition of their engineers of the unsafety of the type.

It is hoped EASA will reconsider its reliance on other regulators' type certificates, as well as any reliance it places on European manufacturers for type approval. The cost of adequate regulation in all jurisdictions must be met centrally, as was heavily recommended as long ago as 2000 in the Rand Institute's report 'Safety in the Skies' on the aviation accident investigation process. The appetite of the EU in this respect and the willingness of Member States to pay in the current financial and political environment, are not reliable grounds for optimism in this respect.

The impact of Brexit on European aviation remains unclear with the latest indications being that a comprehensive deal may not be reached, though an arrangement regarding traffic rights is likely to be made regardless. Major carriers are securing air operator certificates from within states in the EU, and some are also now ensuring they satisfy the European tests for majority ownership. How IAG manages its interests in BA and Iberia/Aer Lingus will be of particular interest.

The second European Aviation Environmental Report (EAER) was published last year and provided an updated assessment of the environmental performance of the aviation sector published in the first report of 2016. It reports that continued growth of the sector has produced economic benefits and connectivity within Europe and is stimulating investment in novel technology but recognised that the contribution of aviation activities to climate change, noise and air quality impacts had increased, thereby affecting the health and quality of life of European citizens. Indeed, air pollution has repeatedly been identified as a factor in covid-19. The impact of the pandemic on environmental pollution has been well documented, and the reduction in air travel has contributed to this. There is pressure to attempt to secure the environmental benefits of the lockdown on a more long-term basis, which might accelerate the development of new technologies. If Member States would stop pandering to solipsistic sectional national and labour interests to permit the true operation of the Single European Sky ATM Research (SESAR) programme, massive environmental advantages could be secured, but as usual incompetent short-termism seems likely to prevail in politics to the detriment of industry and the environment. It is hoped one day we will see an unfettered SESAR introduced, although the decision by the EU to prevent UK carriers from using carbon offsets does not suggest an overwhelming dedication to the environment.

The UK airline insolvency review was established by the Chancellor to research better ways to deal with the collapse of airlines following the numerous recent high profile airline bankruptcies of Monarch, Thomas Cook, Flybe and others. The review has now reported. The obvious solution adopted elsewhere of using the assets of the insolvent airline to repatriate its customers is one of the alternatives recommended and it is hoped, notwithstanding the current stasis in legislation in the UK for other reasons, will be one given urgent attention. The creation of a special administration regime changing the purpose of an

airline's administration to the repatriation of its passengers as a first priority over payment of creditors and ensuring payments of salaries and costs during rescue efforts would enormously mitigate the cost otherwise imposed on taxpayers via the UK government's current approach of arranging and paying for alternative air transport from other operators where inevitably the rates charged are at the highest end of the spectrum. The government has yet to publish a formal response. However, on 25 September 2019, in response to questions about the collapse of Thomas Cook, the Secretary of State for Transport, Grant Shapps, told the House that the government would be looking at the reforms proposed by the review. In a subsequent letter to Lilian Greenwood, Chair of the Transport Committee, the Secretary of State wrote that he was determined to bring in a better system for dealing with airline insolvency and repatriation. The Queen's Speech delivered on 14 October 2019 included proposals for legislation on airline insolvency. Subsequent events have of course delayed the process but hopefully when normal services are resumed this too will be addressed.

The pandemic has highlighted the benefits of drone technology with medical and other supplies being delivered to vulnerable individuals and population centres by use of the technology. Airport closures have of course ceased to be a factor in the current times, but seem likely to resume and possibly even increase, led by environmental groups seeking to address the perceived threat of the industry to the environment. Various jurisdictions are contemplating a range of responses including tighter regulations on the use of drones over a low mass, and registration and insurance requirements for operators of larger and commercial vehicles. New technologies to counter potentially disastrous encounters with commercial aircraft are being developed, but inevitably these solutions will be met by new challenges in the remotely piloted vehicle arms race.

Once again, I would like to extend my thanks to the many contributors to this volume and welcome those who have joined the group. Their studied, careful and insightful contributions are much appreciated by all those who now refer to *The Aviation Law Review* as one of their frontline resources.

Sean Gates

Gates Aviation Ltd
London
July 2020

JAPAN

Tomohiko Kamimura and Miki Kamiya¹

I INTRODUCTION

Before the steep drop of demand caused by covid-19, the Japanese aviation market experienced continuous growth for a decade, especially in the number of international passengers. According to the Ministry of Land, Infrastructure, Transport and Tourism (MLIT), during the 2018 financial year (April 2018–March 2019), Japanese airports handled 100.19 million international passengers, 223.31 million domestic passengers (counted twice, upon departure and arrival), 3,934,776 tonnes of international cargo and 1,605,445 tonnes of domestic cargo (counted twice, upon departure and arrival). Passenger numbers started to drop in February 2020 and further dropped in March 2020. The depth and length of the impact of covid-19 is not yet certain.

Tokyo is the key hub of the aviation market in Japan. During the 2018 financial year, of the international passengers going to and from Japan, 52 per cent (52.09 million passengers) used either Narita International Airport (Narita) or Haneda Airport (Haneda), the two airports in the Tokyo region. Of domestic passengers, 30.2 per cent (67.53 million passengers) used Haneda. As to cargo, 69 per cent (2,711,354 tonnes) of international cargo went through Narita or Haneda, and 42 per cent (673,613 tonnes) of domestic cargo went through Haneda.

International aviation into and out of Japan is handled by both Japanese and non-Japanese carriers, with non-Japanese carriers having a larger market share. During the 2018 financial year, Japanese carriers carried 23.4 million international passengers (23.4 per cent of all international passengers) and 1,446,565 tonnes of international cargo (36.76 per cent of international cargo overall).

In contrast, domestic aviation in Japan is limited to Japanese carriers and is largely a duopoly by two major network carriers, All Nippon Airways (ANA) and Japan Airlines (JAL). During the 2018 financial year, ANA carried 44,436,733 domestic passengers (43.9 per cent of domestic passengers overall) and JAL together with its subsidiary Japan Transocean Air carried 33,599,391 domestic passengers (33.2 per cent). A number of smaller domestic carriers followed, the largest of these being Skymark Airlines carrying 7,385,004 domestic passengers (7.3 per cent). Low-cost carriers, which started Japanese domestic operations in 2012, comprised much of the remainder, the largest of these being Jetstar Japan, a joint-venture by JAL, Australia's Qantas and Tokyo Century carrying 4,771,452 domestic passengers (4.7 per cent) and Peach Aviation, an affiliate of ANA, carrying 3,266,028 domestic passengers (3.2 per cent).

¹ Tomohiko Kamimura and Miki Kamiya are attorneys at Squire Gaikokuho Kyodo Jigyo Horitsu Jimusho.

Access to the Japanese aviation market has undergone gradual deregulation. In 1985, JAL's monopoly of international flights among Japanese airlines was abolished. At the same time, the assignment of domestic routes by the Ministry of Transport (the predecessor of the MLIT) was also abolished, allowing Japanese carriers to compete with their peers on the same routes. JAL was fully privatised in 1987. In 2000, a reform of the Civil Aeronautics Act regarding Japanese carriers (1) replaced route-based operation licences with operator-based licences, (2) replaced advance approval of airfare with an advance notification system, and (3) allowed carriers to determine their own routes and scheduling.

Further, Japan pushed forward its open skies policy and entered bilateral open skies agreements, beginning with the Japan–US Open Skies Agreement in 2010. As of September 2017, Japan has open skies agreements with 33 countries or regions, which cover 96 per cent of the international passengers flying into and out of Japan. Under most bilateral open skies agreements, both Japanese and counterparty state carriers are entitled to decide their preferred routes and scheduling without obtaining specific approval from the other state's government, with a notable exception of slot allocation at Haneda.

Japan is a party to the International Air Services Transit Agreement 1944, in which the first freedom of the air (the privilege to fly across a foreign country without landing) and the second freedom of the air (the privilege to land for non-traffic purposes) are granted to other contracting states. In contrast, Japan is not a party to the International Air Transport Agreement 1944, regarding the third freedom of the air (the privilege to put down passengers, mail or cargo taken on in the home country), the fourth freedom of the air (the privilege to take on passengers, mail or cargo destined for the home country) and the fifth freedom of the air (the privilege to put down passengers, mail or cargo taken on in a third country and the privilege to take on passengers, mail or cargo destined for a third country). The third, fourth and fifth freedoms are typically addressed in bilateral air transport agreements between Japan and other states.

Japan is not a party to the Convention on International Interests in Mobile Equipment (the Cape Town Convention).

The key regulator of the Japanese aviation market is the MLIT, which has been given overall supervisory power over the aviation market under the Act for Establishment of the Ministry of Land, Infrastructure, Transport and Tourism. The MLIT has also been given licensing and approval authority under the Civil Aeronautics Act, including licensing of air transport services, approval of operation manuals and maintenance manuals, approval of the conditions of carriage and slot allocation at congested airports such as Haneda.

II LEGAL FRAMEWORK FOR LIABILITY

Carriers are liable for damages regarding passengers, baggage, mail and cargo, and for third-party damages attributable to their carriage. Damage incurred by passengers or cargo consignors typically results in contractual liability of the carrier, whereas third-party damage typically results in tort liability.

There is no dedicated national legislation governing liability in the aviation market in Japan. Thus, in principle, general statutes such as the Civil Code, the Commercial Code, the Code of Civil Procedure and the Act on General Rules for Application of Laws apply to liability matters. However, a couple of international treaties are applicable to liability matters related to international carriage. Such treaties include the Convention for the Unification of Certain Rules Relating to International Carriage by Air of 1929 (the Warsaw Convention)

as amended by the Hague Protocol of 1955, the Montreal Protocol No. 4 of 1975 and the Convention for the Unification of Certain Rules for International Carriage by Air of 1999 (the Montreal Convention), to which Japan is a party. These treaties are directly applicable without implementing legislation. The Warsaw Convention and the Montreal Convention are applicable to international carriage only, so liability related to domestic carriage is governed by general domestic laws.

The Civil Aeronautics Act governs aviation regulation generally. The Civil Aeronautics Act was enacted to conform to the Convention on International Civil Aviation of 1944 (the Chicago Convention) and the standards, practices and procedures adopted as annexes thereto. Violations of the Civil Aeronautics Act may result in criminal liability.

Conditions of carriage, as established by the carriers, are important sources of contractual liability. Under the Civil Aeronautics Act, Japanese carriers are required to establish conditions of carriage and obtain approval from the MLIT. The conditions of carriage must stipulate matters related to liabilities, including compensation for damage. Foreign carriers are required to attach their conditions of carriage upon application to the MLIT for permission to operate international routes to and from Japan. There are no detailed requirements for conditions of carriage of foreign carriers, as foreign carriers are subject to the regulation of the aviation authority in the aircraft's state of registration.

i International carriage

Japan ratified the Warsaw Convention in 1953, which limits carriers' liabilities for injury, death or damage up to 125,000 gold francs. Japan then ratified the Hague Protocol in 1967, which doubled the liability limitation to 250,000 gold francs. In 2000, Japan ratified the Montreal Protocol No. 4 and the Montreal Convention. The Montreal Protocol No. 4 amends the Warsaw Convention and primarily pertains to cargo liability. The Montreal Convention established a two-tiered liability regime, under which the carrier is strictly liable up to 100,000 special drawing rights (SDR) for death or injury of passengers, and liable for damages over 100,000 SDR based on fault. The Montreal Convention became effective in 2003.

Japan is not a party to the Convention on Damage Caused by Foreign Aircraft to Third Parties on the Surface (or the Rome Convention of 1952) or the Montreal Protocol of 1978 related thereto.

It is backed by a court precedent that ratified international treaties are accorded a higher status than domestic legislation, and are immediately applicable even without implementing legislation.

ii Internal and other non-convention carriage

General statutes such as the Civil Code, the Commercial Code and the Code of Civil Procedure are applicable. There is no dedicated legislation governing liability in connection with internal carriage or carriage to which the international treaties do not apply.

iii General aviation regulation

General statutes such as the Civil Code, the Commercial Code and the Code of Civil Procedure are applicable. There is no dedicated legislation governing liability in connection with general aviation.

iv Passenger rights

There is no dedicated legislation governing compensation for delay or cancellation of flights or carriage of disabled passengers. Japanese carriers are required to include matters related to liability in their conditions of carriage; however, it is not a requirement to cover compensation for delay or cancellation of flights or carriage of disabled passengers. Although it is not a legal obligation, Japanese carriers typically provide compensation for delay and cancellation of flights and carriage of disabled passengers on a voluntary basis.

The Consumer Contract Act is applicable to contracts between a consumer and a business operator (consumer contracts), and is therefore applicable to the conditions of carriage between passengers and carriers. Under the Act, consumers may cancel consumer contracts if there is a major misrepresentation on the part of a business operator. In addition, clauses in consumer contracts are void if such clauses (1) totally exempt a business operator from its liability to compensate a consumer for damages on the part of a business operator, or (2) partially exempt a business operator from its liability to compensate a consumer for damages caused by intentional acts or gross negligence of a business operator.

v Other legislation

The Act on Prohibition of Private Monopolisation and Maintenance of Fair Trade (the Anti-Monopoly Act) is applicable to any private monopolisation, unreasonable restraint of trade or unfair trade practices in the aviation market, and is discussed further in Section VI.

The Product Liability Act (the PL Act) is applicable when damages are caused by a defect in a product, such as aircraft, engines and components.

The Act for Prevention of Disturbance from Aircraft Noise in the Vicinity of Public Airports and related ordinances provide noise standards. Violation of the noise standards may result in the relevant flight crew being subject to criminal fines.

III LICENSING OF OPERATIONS

i Licensed activities

The operation of air transport services requires a licence from the MLIT. Air transport services are specifically defined as any business using aircraft to transport passengers or cargo for remuneration upon demand. The applicant must:

- a* have an operation plan that is suitable for ensuring transport safety;
- b* have other appropriate plans for operations of the relevant services;
- c* be able to conduct the relevant services properly;
- d* if the applicant intends to engage in international air transport services, it must have a plan conforming to the air navigation agreements or other agreements applicable to the foreign countries concerned; and
- e* conform with the ownership rules described in detail in Section III.ii.

The operational and maintenance facilities of the operator must undergo and pass an inspection by the MLIT. The operation manual and maintenance manual of the operators must conform to the ordinances of the MLIT and be approved by the MLIT. Conditions of carriage of the operators must also be approved by the MLIT. Domestic routes involving certain congested airports, including Haneda, Narita, Osaka (Itami) Airport and Kansai Airport are subject to approval by the MLIT.

The operation of aerial work services also requires licensing from the MLIT. Aerial work services is defined as any business using aircraft other than for the transport of passengers or cargo for remuneration upon demand. Aerial work services typically include flight training, insecticide spraying, photography, advertising and newsgathering.

Organisations must be approved by the MLIT for the specific activity to conduct any of the following activities:

- a* aircraft design and inspection of completed designs;
- b* aircraft manufacturing and inspection of aircraft;
- c* maintenance of aircraft and inspection of performed maintenance;
- d* maintenance or alteration of aircraft;
- e* component design and inspection of completed designs;
- f* component manufacturing and inspection of completed components; and
- g* repair or alteration of components.

Radio transmission is separately regulated by the Ministry of Internal Affairs and Communications (MIC) under the Radio Act. Operators must obtain licences from MIC to establish radio stations, including aircraft radio stations.

ii Ownership rules

An operator of air transport services may not be:

- a* a foreign individual, a foreign state or public entity or an entity formed under a foreign law (collectively, foreigners);
- b* an entity of which a representative is a foreigner, of which more than one-third of the officers are foreigners or of which more than one-third of the voting rights are held by foreigners;
- c* a person whose licence for air transport services or aerial work services was revoked within the past two years;
- d* a person who has been sentenced to a penalty of imprisonment or a more severe punishment for violation of the Civil Aeronautics Act within the past two years;
- e* an entity of which an officer falls under (c) or (d) above; or
- f* a company whose holding company or controlling company falls under (b) above.

Separately, aircraft owned by any person (individual or entity) falling under (a) or (b) may not be registered in Japan.

iii Foreign carriers

Foreign carriers must obtain permission from the MLIT to operate international routes to and from Japan. An application for the permission must describe their corporate information, operation plans (including the origin, intermediate stops, destination and airports to be used along the routes and distance between each point), aircraft information, frequency and schedule of service, outline of facilities for maintenance and operational control, outline of plans for the prevention of unlawful seizure of aircraft and the proposed commencement date of operation, accompanied by evidence of permission of the foreign carrier's home country regarding the services on the proposed route and its incorporation documents, most recent profit and loss statement and balance sheet and conditions of carriage. The MLIT

will consider, among other things, compliance by the foreign carrier with its home country laws, the applicable bilateral agreement and relationship, reciprocity, safety, protection of customers and third parties and prevention of name-lending.

Foreign carriers are not allowed to operate on domestic routes unless specifically permitted by the MLIT. A foreign carrier that intends to obtain such permission must submit an application to the MLIT describing, among other specifics, the necessity to operate on domestic routes.

IV SAFETY

The Civil Aeronautics Act, enacted in conformity with the Chicago Convention, governs the safety requirements for operators.

The MLIT is responsible for granting airworthiness certifications for aircraft. Upon an application for airworthiness certification, the MLIT inspects the design, manufacturing process and current conditions, and if the aircraft complies with the standards specified in the Civil Aeronautics Act and the related ordinances, the MLIT grants aircraft certification.

Maintenance of or alteration to any aircraft to be used for air transport services must be performed and certified as an approved organisation.

The MLIT is also responsible for personnel licensing. The MLIT holds examinations to determine whether a person has the aeronautical knowledge and aeronautical proficiency necessary for performing as aviation personnel, and grants competence certification upon passing. Medical certification, English proficiency certification (for international flights) and instrument flight certification (for instrument flights) are also required. A person without a pilot competence certificate of the relevant category may undergo flight training only under a flight instructor certified by the MLIT.

A pilot in command is required to report to the MLIT if an accident occurs, and if he or she is unable to report, the operator of the aircraft must do so instead. A pilot in command is also required to report to the MLIT if he or she has recognised that there was danger of an accident.

Japanese carriers are required to prepare safety management manuals, operation manuals and maintenance manuals in accordance with the Civil Aeronautics Act, and to conduct operations and maintenance in accordance therewith.

V INSURANCE

International carriers are required to maintain adequate insurance covering their liability under the Montreal Convention. The Montreal Convention, which came into effect for Japan in 2003, stipulates that state parties shall require their carriers to maintain adequate insurance covering their liability under the convention, and that a carrier may be required by the state party to furnish evidence that it maintains adequate insurance covering its liability under the Convention.

On the other hand, with regard to domestic carriers, there is no particular requirement for carriers to carry insurance. Nonetheless, carriers do carry aviation insurance including hull all-risk insurance, hull war risk insurance and liability insurance.

The MLIT may order a Japanese carrier to purchase liability insurance to cover aircraft accidents if it finds that the carrier's business adversely affects transportation safety, customer convenience or any other public interest. The MLIT may also advise applicants to purchase

insurance upon their application for an air transport services licence; such advice is not binding on the applicant, but failure to follow such advice may have a negative impact on the review of the application.

Japanese insurance companies together form the Japanese Aviation Insurance Pool (JAIP). When a JAIP member insurance company underwrites aviation insurance, its liability is allocated to each of the member insurance companies. The allocated liability is further reinsured in the international reinsurance market. The insurance premium payable would be determined by the JAIP rather than individual underwriters to ensure that the premium would not differ from one underwriter to another. The JAIP is generally exempted from the Anti-Monopoly Act.

VI COMPETITION

The aviation industry is subject to the Japanese Anti-Monopoly Act and the competition legislation applicable to all industries. The Japan Fair Trade Commission (JFTC) is responsible for regulating and enforcing competition and fair trade policies.

The Anti-Monopoly Act restricts three types of activity: private monopolisation, unreasonable restraint of trade and unfair trade practices.

Private monopolisation means such business activities by which a business operator, individually or by combination or conspiracy with other business operators, or by any other manner, excludes or controls the business activities of other business operators, thereby causing, contrary to the public interest, a substantial restraint of competition in any particular field of trade.

Unreasonable restraint of trade means such business activities by which any business operator, by contract, agreement or any other means irrespective of its name, in concert with other business operators, mutually restricts or conducts its business activities in such a manner as to fix, maintain or increase prices, or to limit production, technology, products, facilities or counterparties, thereby causing, contrary to the public interest, a substantial restraint of competition in any particular field of trade.

Unfair trade practices means any of the following acts that tend to impede fair competition and that are further described in the Anti-Monopoly Act or designated by the JFTC:

- a* unjust treatment of other business operators;
- b* dealing with unjust consideration;
- c* unjustly inducing or coercing customers of a competitor to deal with oneself;
- d* dealing with another party on such conditions as will unjustly restrict the business activities of said party;
- e* dealing with another party by unjust use of one's bargaining position; and
- f* unjustly interfering with a transaction between a business operator in competition within Japan with oneself or a corporation of which oneself is a stockholder or an officer and another transaction counterparty; or, where such a business operator is a corporation, unjustly inducing, instigating or coercing a stockholder or a director of the corporation to act against the interests of the corporation.

Acts that constitute private monopolisation or unreasonable restraint of trade may result in an elimination order by the JFTC, a penalty payment order by the JFTC, civil action or, subject to accusation by the JFTC, criminal punishment. Criminal punishment includes

imprisonment of individuals or criminal fines imposed on individuals as well as corporations. Violation of the restriction of unfair trade practices may result in an elimination order by the JFTC or civil action (including injunction).

The Civil Aeronautics Act provides exemptions from the Anti-Monopoly Act for agreements approved by the MLIT related to (1) joint management on low-demand routes essential for local residents' lives, and (2) joint carriage, fare agreements and the like on international routes for the purpose of public convenience. The latter at one time included International Air Transport Association (IATA) fare-setting agreements, carriers' fare-setting agreements, code-sharing agreements, pool agreements, interlining agreements and frequent-flyer programme agreements. The JFTC held a series of discussions to repeal such exemptions from 2007, and IATA fare-setting agreements and carriers' fare-setting agreements including specific fare or level of fare were decided not to be approved as exceptions after 2011.

Instead, the MLIT has approved exemptions for a number of business coordination and revenue-sharing agreements between airlines, including the trans-Pacific joint venture between ANA, United Airlines and Continental Airlines (now merged with United Airlines) in 2011, the trans-Pacific joint venture between JAL and American Airlines in 2011, the Japan–Europe joint venture between ANA and Lufthansa in 2011 (adding Swiss International Air Lines and Austrian Airlines in 2012) and the Japan–Europe joint venture between JAL and International Airlines Group (the parent company of British Airways and Iberia) in 2012 (adding Finnair in 2013). The MLIT also approved exemptions for cargo joint ventures, between ANA and Lufthansa Cargo in 2014 and between ANA and United Airlines in 2015.

VII WRONGFUL DEATH

When a person or entity is responsible for causing wrongful death, the types of damages usually payable under Japanese law are medical expenses, nursing expenses, the deceased person's pain and suffering, the deceased's lost earnings, funeral and burial expenses, and legal fees. The successors may inherit the right to such damages in accordance with the law or will, as applicable. In addition, the next of kin of the deceased may be entitled to their own pain and suffering, and this type of damage is often used by courts to compensate the family survivors for their financial losses. Punitive damages are not awarded under Japanese law.

Lost earnings are calculated by subtracting the deceased's estimated annual living expense from his or her annual income, further multiplying the difference by the number of remaining workable years, and applying the statutory discount rate. The statutory discount rate is currently 3 per cent and to be reviewed every three years.

VIII ESTABLISHING LIABILITY AND SETTLEMENT

i Procedure

The forum used to settle contractual liabilities depends on the underlying contract and the governing laws and treaties. Dispute resolution clauses in the underlying contract may in some cases be considered invalid by the effect of compulsory provisions of the governing laws or treaties. The forum used to settle non-contractual liabilities depends on the governing laws and treaties.

According to the Code of Civil Procedure, the national legislation governing civil procedure in Japan, the defendant is generally subject to the authority of the Japanese courts when, for example:

- a* the defendant's residence or the place of business is in Japan;
- b* the place of performance of a contractual obligation is in Japan;
- c* the place of tort is in Japan; or
- d* with regard to a case against a business operator in relation to a consumer contract, the plaintiff is a consumer resident in Japan.

Although parties may agree to a jurisdiction by contract in some cases, any agreement in a consumer contract to resolve disputes in a country in which the consumer does not reside would be invalid by the effect of the Code of Civil Procedure. Furthermore, under the Montreal Convention, under certain conditions therein, a passenger may bring action before the courts in which, at the time of the accident, the passenger had their principal and permanent residence.

The timeline for litigation in Japan is as follows:

- a* court-ordered preservation of evidence, upon request and if necessary;
- b* commencement of litigation;
- c* oral argument procedures;
- d* examination of evidence;
- e* final judgment; and
- f* enforcement of the judgment, if necessary.

The plaintiff may abandon its claim by admitting that the claim is groundless, the defendant may admit the claim or the parties may settle the claim during the course of litigation proceedings.

Arbitration is an alternative form of dispute resolution. If there is an arbitration agreement, the parties are required to resolve their disputes specified in the agreement through the agreed arbitration process. An arbitration agreement in respect of a consumer contract may be revoked by a consumer by effect of the Arbitration Act.

The statute of limitations for a claim is generally 10 years from when the claim became exercisable or five years from when the claimant became aware that the claim became exercisable. The statute of limitations for a tort claim is three years (or five years if the tort claim is caused by death or injury) from the time when the claimant became aware of the damage and the perpetrator, or 20 years from the tortious act, whichever comes earlier.

If there is an identical claim against two or more persons, or if claims against two or more persons are based on the same factual or statutory cause, such persons may be sued as co-defendants. In the context of a typical aviation case such as a claim for damages following an accident, the carrier, owner, pilots and manufacturers may be joined in actions for compensation as co-defendants.

If two or more persons caused damage by their joint tortious acts, each of them would be jointly and severally liable to compensate for the full amount of that damage. According to court precedents, liability is allocated internally among the joint tortfeasors in proportion to each tortfeasor's fault. A joint tortfeasor may require other joint tortfeasors to reimburse any paid portion allocated to such other joint tortfeasors.

ii Carriers' liability towards passengers and third parties

In a typical tort claim, the operator's liability to passengers and third parties is established by demonstrating:

- a* the right or legally protected interest of the claimant;
- b* the wrongful act of the defendant;
- c* the defendant's intent or negligence with respect to the wrongful act;
- d* the invasion of the right or legally protected interest of the claimant and the amount of damages caused thereby; and
- e* the causal relationship between the wrongful action and the damages.

The liability under the Civil Code is fault-based, meaning that the defendant's intent or negligence must be demonstrated.

Under the Montreal Convention, operators have strict liability up to 113,100 special drawing rights (SDR) for death or bodily injury of passengers, which means that the operator cannot further exclude or limit its liability. Where damages of more than 113,100 SDR are sought, operators may avoid liability by demonstrating that the harm suffered was not owing to their negligence or was attributable to a third party. There are liability limits to certain types of damages: 19 SDR per kilogram in respect of the destruction, loss, damage or delay of cargo; 4,694 SDR in respect of delay in the carriage of passengers; and 1,131 SDR in respect of destruction, loss, damage or delay of passenger baggage.

iii Product liability

The PL Act was enacted in 1994 to introduce the concept of strict liability on the part of product manufacturers, replacing the traditional concept of fault-based liability. Liability that is not provided in the PL Act remains subject to the Civil Code liability provisions outlined above.

The PL Act defines 'manufacturer' to include any person who manufactured, processed, or imported the product in the course of trade and any person who provides their name, trade name or trademark or otherwise indicates themselves as the manufacturer on the product, or who otherwise makes a representation on the product that holds themselves out as its substantial manufacturer.

To establish a product liability claim, the plaintiff must demonstrate:

- a* that the defendant is a manufacturer;
- b* that the product the manufacturer provided had a defect;
- c* the invasion on the plaintiff's life, body or property;
- d* the amount of damage caused thereby; and
- e* a causal relationship between the defect and the damage.

In this regard, a defect means a lack of safety that the product ordinarily should provide, taking into account the nature of the product, the ordinarily foreseeable usage of the product, the time the manufacturer delivered the product and any other relevant information. A manufacturer may be exempt from product liability if it demonstrates that the defect in the product was not foreseeable from scientific or technological knowledge at the time of delivery of the product.

There is no special legislation covering owners' liability.

iv Compensation

Compensation under Japanese law in connection with breach of contract or tort is limited to the actual damage caused. Punitive damages or exemplary damages are not recognised.

A typical damages award would include (1) incurred monetary damage including medical fees, nurse fees, funeral fees and legal fees; (2) lost earnings owing to an injury, permanent disability or death; and (3) consolation for mental suffering in relation to an injury, permanent disability or death.

In practice, a mortality table is often utilised, especially in cases of death or permanent disability. The age, gender and the actual earnings of the victim are the key elements considered in calculating damages.

Those incapacitated in accidents may apply for a physical disability certificate from the local prefectural government, and those certified as such may receive various forms of support from national and municipal governments as well as from private businesses, such as social welfare allowance, discounts on utility charges, discounts on transportation fares, exemption or relief of tax on income, nursing services and provision of assistance devices. The system is generally not designed for support providers to recover costs from third parties.

Although post-accident family assistance is being discussed in study groups, including those led by the MLIT, there is not yet any law regulating the subject.

IX DRONES

Flight of drones was generally unregulated in Japan until the Civil Aeronautics Act was amended to introduce a regulation focused on drones, which came into effect on 10 December 2015. Under the amended Civil Aeronautics Act, permission from the MLIT is required to fly an unmanned aircraft (namely, an aeroplane, rotorcraft, glider or airship which cannot accommodate any person onboard and can be remotely or automatically piloted, excluding those lighter than 200 grams) in certain areas including (1) airspace more than 150 metres above ground level; (2) airspace around airports; and (3) airspace above densely inhabited districts. Unless specifically approved by the MLIT, operation of unmanned aircraft is subject to additional restrictions, such as operation in the daytime, operation within the visual line of sight, keeping a distance of over 30 metres from persons and properties.

Further regulation of drones was introduced after an incident in which an unidentified drone was found on the roof of the Japanese Prime Minister's official residence. Effective 7 April 2016, it is prohibited to fly drones around and over key facilities, including the national Diet building, the Prime Minister's office and official residence, national government buildings, the Supreme Court, the Imperial Palace, certain foreign diplomatic establishments, designated defence-related facilities, nuclear sites, and other facilities designated from time to time. Examples of facilities designated from time to time include sites hosting 2020 Tokyo Olympic and Paralympic Games. Contrary to the Civil Aeronautics Act, which is overseen by the MLIT, the prohibition of flight of drones around and over key facilities is overseen by the National Police Agency.

X VOLUNTARY REPORTING

As the result of a reform in 2014, the Voluntary Information Contributory to Enhancement of the Safety (VOICES) programme collects voluntarily submitted aviation safety incident/situation reports from pilots, controllers and others. The programme was established by the

MLIT but is operated by a third-party body, the Association of Air Transport Engineering and Research, in an effort to mitigate concerns that voluntary reporting may be used against reporters by the supervisory arm of the MLIT. The VOICES programme anonymises all voluntary reporting it received, and discards any information that may identify reporters. The supervisory arm of the MLIT has confirmed it will not access any information that may identify reporters, and that it will not demand the programme operator provide such information. While the anonymisation and discard of identifiable information would usually provide comfort to the reporters, there is no formal structure to prevent the reports being used by claimants, in injury and wrongful death actions, or prosecutors.

XI THE YEAR IN REVIEW

JAL, which had had 33.3 per cent of the shares of Jetstar Japan, acquired all the shares held by Mitsubishi Corporation by 30 September 2019. Mitsubishi Corporation is no longer the shareholder of Jetstar Japan, and JAL has 50 per cent of the shares now.

Peach Aviation and Vanilla Air, low-cost carrier subsidiaries of ANA Holdings, which is the parent company of the full service carrier ANA, completed the integration into a single low-cost carrier, Peach Aviation, on 1 November 2019.

The outbreak of covid-19 seen in 2020 caused the Japanese national government to request all people in Japan to practice social distancing and to avoid non-essential travel or travelling abroad in general. In particular, on 7 April 2020, Prime Minister Shinzo Abe declared a state of emergency for seven prefectures including Tokyo, and on 16 April 2020 the state of emergency was expanded to cover all of Japan. The state of emergency was lifted by 25 May 2020, and businesses in Japan started to reopen. The recovery of air traffic seems slow, however, and reportedly, approximately 95 per cent of international flights and approximately 70 per cent of domestic flights were reduced compared to the previous year for June 2020. Reportedly each of ANA Holdings and JAL secured several hundred billion yen of financing amid the covid-19 pandemic, easing some of the concerns, although the end of covid-19 is yet to be seen. Further support is under consideration by the Japanese government.

XII OUTLOOK

The Japanese government decided to introduce a registration system for drones at the Cabinet meeting on 28 February, 2020. The summary of the registration system is as follows:

- a* owners of drones have to register some information online with the government such as the name of the owner or the users, drone serial number and telephone number, immediately after the purchase;
- b* ID plates issued by the government after the registration must be attached to all the drones; and
- c* drones must transmit their ID numbers via radio to notify the information of the owner to the police.

The registration requirements are planned to be implemented in 2022, subject to the approval by the national Diet.

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ISBN 978-1-83862-435-4