THE INTERNATIONAL UNIFICATION OF AIR LAW

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INTRODUCTION

On May 3, 1928, Secretary of State Frank B. Kellogg submitted a recommendation to President Coolidge that Congress be requested to authorize an annual appropriation of not more than $250 to meet the share of the United States for the expenses of a group called “International Technical Committee of Aerial Legal Experts,” more commonly known by its French initials CITEJA. The request took almost three years to pass the Senate; the date of presidential approval (February 14, 1931) may be considered as the first official U.S. recognition of the unification movement in air law.

The United States has come a long way since, and now plays a leading part in the work of CITEJA’s successor, the Legal Committee of the International Civil Aviation Organization. The fact remains, though, that due to an earlier isolationist attitude towards international unification Americans were unable to influence the basic conventions which today are the cornerstones of uniform private air law. The United States had to accept as a fait accompli what were essentially European concepts of codification, and regardless of the praise such “admirable self-denial” won her from European jurists, this continues to cause a considerable amount of frustration with international efforts towards further unification, and with domestic acceptance of uniform air law in North America.

The international unification of air law, which is generally considered as one

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1 Comité International Technique d’Experts juridiques Aériens (CITEJA), established by the First International Conference on Private Air Law (Paris 1925), at which the United States was represented by two military observers; see Ministère des Affaires Étrangères, Conférence Internationale de Droit Privé Aérien 1925 (1936). From 1925 until 1947, a total of 39 countries participated in the work of CITEJA; see Wilberforce, The International Technical Committee of Experts in Air Law, 1 Int’l L.Q. 498 (1947).


3 See Latchford, Coordination of CITEJA with the New International Civil Aviation Organization, 12 Dep’t State Bull. 310 (1945); Latchford, CITEJA and the Legal Committee of ICAO, 17 Dep’t State Bull. 487 (1947); Draper, Transition from CITEJA to the Legal Committee of ICAO, 42 Am. J. Int’l L. 155 (1948).

4 Not until the chairman of the U.S. delegation to the 1933 Rome Conference reported how strongly all delegations were influenced by the work of CITEJA did American representatives attend all working sessions of the committee (from September 1935 on). They were handicapped, though, by the fact that French was the only official language of CITEJA; see Report of the American Delegation to the Secretary of State: Fourth International Conference on Private Air Law, Brussels, September 1938, at 33 (Dep’t State Pub. No. 1401, 1939).

of the most advanced and most successful instances of uniform private law, may provide some useful illustrations of both the blessings and the pitfalls of unification.

I

The Growth of Unification

The success of uniform law in international aviation may be ascribed partly to its environment—the "milieu aérien"—and partly to the historical accident that the beginnings of air law—"last-born of judicial notions"—almost coincided with the beginnings of the international unification of private law in general.

A. Conflicts and Uniform Law

For reasons inherent in any instrument of communication, but maximized in the most rapid and least land-locked means of transport, aviation tends to generate transnational fact situations of unprecedented multitude and variety. As a result, legal transactions containing one or more "foreign elements" have become the rule rather than the exception, thus providing what has been understated as "a potentially rich source of situations involving a conflict of laws."8

One way of dealing with conflicts is to solve them by means of choice of law, the classical method of private international law. In the United States, where conflicts arising from interstate aviation are traditionally solved by attributing each case to the "applicable" or "governing" local law, this method accomplished a satisfactory harmony of case law based on common constitutional principles (including full faith and credit), a common procedural structure (a coordinated court system operated by a homogeneous legal profession), and—at least until recently—a certain conceptual uniformity regarding conflicts of laws.9

None of these conditions existed on the international level. Attempts at creating uniform conflicts rules in international air law usually met with the objection that they were inferior to, and might even preclude, substantive unification;10 examples are the 1940 Montevideo Treaty11 and the 1948 Geneva Convention.12 If any uni-

9. E.g., application of the Restatement's "lex loci delicti" dogma (Restatement, Conflict of Laws § 378 (1934) to aviation; but see the recent breakdown of the dogma, note 149 infra.
10. The original terms of reference of CITEJA (note 1 supra) included elaboration of uniform choice-of-law rules (advocated by A. de La Pradelle); but see Blanc, La portée de l'application des lois nationales dans les premières conventions internationales de droit privé aérien, 5 Revue générale de droit aérien 386 (1936) and the comments by W. Wengler, on the new I.D.I. draft (note 148 infra), 49 Annuaire de l'Institut de Droit International pt. 2 332 (1961).
11. Treaty on the Law of International Commercial Navigation (of March 19, 1949), applicable to air transport (article 43), and subjecting all contracts of international carriage to the law of the place of destination (article 26); 8 Manley O. Hudson, International Legislation 467 (1941). The treaty has been ratified by 6 South American states, 2 of which are also members of the 1929 Warsaw Convention (note 41 infra).
form trend may be deduced at all from the private international law of different states dealing with aviation, it is what Arthur Nussbaum called the “homeward trend” (Heimwärtsstreben) of the courts towards their lex fori, i.e., “a tendency to arrive, if possible, at the application of domestic law.” Some would ascribe this to the judges’ plain ignorance of foreign air law, but it may indeed be questioned whether the application of some exotic foreign law, as in the Oostvaar case, is a less inappropriate solution. The very method of choice of law, no matter which local law eventually “governs,” creates a degree of unpredictability which is intolerable in world air transport, if only for its impact on insurance costs.

Another way of dealing with conflicts is to avoid them. The first to realize this useful method was, of course, the air transport industry, and along with the earliest international air routes it developed standard conditions of carriage to pre-determine the applicable law. A famous example were the Antwerp conditions of the International Air Traffic Association (IATA) which stipulated, inter alia, that actions had to be brought at the carrier’s principal place of business and that the national law of that forum applied. When it turned out, however, that this preventive clause was clearly disapproved by British, American, and European law, the clause had to be dropped from the postwar IATA conditions. This illustrates

7620, subjecting the validity of security rights to the law of the place of aircraft registry (law of the flag), with certain exceptions for the lex rei sitae; see note 42 infra.

13 E.g., the law applicable to contracts of carriage by air is the law of the flag according to article 10 of the Italian Codice della navigazione (1942); but the law of the place of contracting according to article 36 of the Austrian Allgemeines Bürgerliches Gesetzbuch (1811), see Gonano v. British European Airways, Sup. Ct. of Austria (Oct. 5, 1955), 10 Österreichische Juristenzeitung 672 (1955), with note by Stanzl.


16 Young and Baudart v. KLM, Supreme Ct. of the Netherlands (Civ. Ch., March 18, 1938), [1939] Nederlands Jurisprudentie 113 (note Meijers); applying Siamese law to the wrongful death of a Frenchman on a Dutch airliner near Bangkok (Thailand), and thereby validating a contract that would have been void under the lex fori. See also Van Gorkum, De clausules betreffende uitsluiting van aansprakelijkheid, [1939] Rechtsgeleerd Magazine 152, at 157.

17 Ripert, L’unification du droit aérien, 1 Revue Générale de droit aérien 251, at 257-258 (1932).

18 Founded at The Hague in 1919, re-established in 1945 as “International Air Transport Association” incorporated in Montreal (20th Parl., 9 Geo. 6, 1st Sess., 1945), and defined by the U.S. Civil Aeronautics Board as “an all-embracing international cartel”; see Antitrust Subcommittee of House Committee on the Judiciary, Report on Airlines, 85th Cong., 1st Sess. 234 (1957).

19 Clause 22, para. 4(1) of the uniform conditions for the carriage of passengers, and clause 23, para. 4(1) of the conditions for the carriage of goods; see Christopher N. Shawcross & Keith M. Braidmont, On Air Law 1151 (2d ed. 1951), and Döring, Die Neugestaltung des Luftverkehrsvertrages im europäischen Luftverkehr, 2 Archiv für Luftrecht 1, at 5 (1952).

20 See Kidston v. Lufthansa (C.A., Oct. 14, 1936), [1938] 1 Lloyd’s List L.R. 1, 2; U.S. Civil Aeronautics Board, Order E-1950 (May 18, 1948), and Ehrenzweig, Adhesion Contracts in the Conflict of Laws, 53 Colum. L. Rev. 1072, 1090 (1953); Maurice Lemoine, Traité de droit aérien 402 (1947), and Otto Riese & Jean T. Lacour, Précis de droit aérien international et suisse 223 (1951).

21 See IATA Manual of Traffic Conference Resolutions, Series 275(b) and 600(b); Gazdik, The New Contract Between Air Carriers and Passengers, 24 J. Air L. & Com. 151, 158 (1957).
one major defect of so-called “private unification of air law”: Uniform standard contracts, even government-approved IATA tariffs, are at the mercy of national lawmakers and run a fair risk of being thrown out of court.22

There remains a third way of dealing with conflicts: to avert them before they actually arise, by means of international unification of air law. If the law is substantially the same no matter where the aircraft flies or crashes, the problem of choice of law ceases to be relevant. Air carriers, aircraft users, and potential aircraft victims will be able to predict and to calculate their risks with a maximum of certainty.23 To the medical analogies drawn by Melvin G. Shimm and Clive M. Schmitthoff—“clinical approach” (i.e., conflict resolution by judicial choice-of-law) vs. “preventive approach” (i.e., conflict avoidance by professional lawyership)24—we may add another recent weapon of medical science: eradication of the disease itself; i.e., applied to law, conflict removal by legislative unification.

Unification is conceivable on three levels: national, regional, and universal. On a national scale, uniform air legislation was attempted in the United States, though with little success. For instance, the 1938 Uniform Aeronautical Liability Act25 was opposed by many aviation interests and failed;26 it seems that even its authors did not view unification as necessarily superior to the existing practice of choice of law and mutual recognition in interstate air law.27 On a regional level, a certain degree of uniformity by parallel air legislation was accomplished in Scandinavia,28 attempted in theory in Latin America,29 and in practice in Eastern Europe.30

22 Clause 3 of the uniform IATA conditions of contract (supra) recognizes the superiority of “laws, government regulations, orders or requirements.” E.g., in Robert-Houdin v. Panair do Brasil the Tribunal de Grande Instance de la Seine (July 9, 1960) refused to enforce the IATA “delay clause,” see 24 REVUE GÉNÉRALE DE L’AIR 285 (1961), (note Sundberg); and in Stratton v. Trans Canada Airlines, 32 D.L.R. (2d) 736 (1962), the Court of Appeals of British Columbia all but ridiculed “Walker’s Tariff” invoked by the airline.

23 Riese, supra note 5, at 40.


26 The Commissioners eventually withdrew their endorsement of the act, while proposals for federal legislation were equally unsuccessful; see Sweeney, Is Special Aviation Liability Legislation Essential?, 19 J. AIR L. & COM. 166, 317 (1952).

27 See the remarks on unification and conflicts law by Knauth, Renvoi and Other Conflicts Problems in Transportation Law, 49 COLUM. L. REV. 1, 20 (1949).

28 See Nylen, Scandinavian Co-operation in the Field of Air Legislation, 24 J. AIR L. & COM. 36 (1957); Lådrup, Le droit aérien en Scandinavie, 22 REVUE GÉNÉRALE DE L’AIR 240 (1959); Bahr, Arbeidet med ny luftfartslov, 1 ARKIV FOR LUFTFART 2 (1958); and the synoptic multilingual texts in SAMFURDELS-DEPARTMENT, UTKAST TIL LOV OM LUFTFART MED MOTIVER (Norway 1957).


geographically limited unification, however, is important mainly for matters of public air law; it is not, nor was it designed to be, a substitute for the world-wide unification of private air law which we shall now analyze in more detail.

B. The Present State of Unification

The institutional framework for the elaboration of uniform air law is provided since 1947 by the International Civil Aviation Organization (ICAO) in Montreal. Unlike the pre-war CITEJA, the Legal Committee and the permanent Legal Bureau of ICAO also deal with public air law, and participate in the regulatory process which formerly had been a prerogative of the International Commission for Aerial Navigation (ICAN). With the continuous involvement of governments in all sectors of civil aviation, a clear-cut theoretical separation of "private air law" has become virtually impossible.

Regulatory activities of ICAO include the standardization of national air regulations ranging from flight signals to air accident investigations, by means of "standards" and "recommended practices" enacted and amended by a quasi-legislative process in the form of Technical Annexes to the 1944 Chicago Convention. Since all member states are under an obligation to report any deviation from ICAO standards, the uniformity of national law concerning technical rules is under constant control.

For legal matters falling outside the normal regulatory process, ICAO's Legal Committee (composed of delegates appointed by member governments) in biennial sessions elaborates draft conventions on uniform air law, eventually to be submitted to an ad hoc diplomatic conference for final adoption and signature. Upon ratification, states are bound to enact the uniform text as national law.

Contrary to early historical projects for an all-embracing international "Code

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81 In general see JACOB SCHENKMAN, INTERNATIONAL CIVIL AVIATION ORGANIZATION (1955).
82 See the report by the ICAO Legal Bureau, Methods Followed in the Work of the Unification of Public Air Law, [1956] 2 UNIFICATION OF LAW YEARBOOK 161.
85 See Pépin, ICAO and Other Agencies Dealing with Air Regulation, 19 J. AIR L. & COM. 152 (1952), and Eugène Pépin, Development of the National Legislation on Aviation Since the Chicago Convention (INSTITUTE OF AIR & SPACE LAW PUB. No. 3, 1957).
86 For a detailed description of procedures see the report by the ICAO Legal Bureau, ICAO and the Unification of Private Air Law, [1956] 2 UNIFICATION OF LAW YEARBOOK 199, arranged according to the "stages of unification" outlined by HARALD COUPE GUTTERIDGE, COMPARATIVE LAW 145 (2d ed. 1949); for recent innovations see note 179 infra.
of the Air," the codification of air law proceeded functionally, and step by step. Apart from the 1963 Tokyo Convention on criminal law, the conventions may be grouped in three main categories of private law, each covering the relations of the air carrier, or aircraft operator, to a particular group of potential adverse interests.


2. Creditors: the 1933 Rome Convention for the Unification of Certain Rules Relating to the Precautionary Arrest of Aircraft (19 members), and the 1948 Geneva Convention on the International Recognition of Rights in Aircraft (23 members);

3. Third Parties: the 1952 Rome Convention on Damage Caused by Foreign Aircraft to Third Parties on the Surface (18 members), revising the 1933 Rome Convention (5 members) with the supplementary 1938 Brussels Insurance Protocol (2 members).

These conventions were designed to unify the liabilities of air carriers and operators, and to standardize international aviation documents (except for the Geneva Convention, which instead of creating a standard security form stipulates a kind of international full-faith-and-credit clause). Presently on ICAO's program of work are draft conventions on aerial collisions, on the liability of air traffic control agencies, and on liability for nuclear damage in civil aviation.

Most conventions on uniform private air law are limited in scope to certain "transnational" fact situations (flights between different member states, damage by foreign aircraft, and so on), thus aiming at partial, rather than total, unification. In practice, however, a growing number of states voluntarily extend the scope of uniform air law to include "national" fact situations (cabotage and domestic carriage), or at least to bring domestic legislation in line with the principles of the conventions; even states which for various reasons did not ratify a convention...
occasionally use it as a model for their national statutes.\textsuperscript{46} One further extension of uniform air law, the general "Warsaw clause" in international standard contracts of carriage, regretfully has been abandoned by IATA.\textsuperscript{47}

As uniform air law not only influenced, but often anticipated and preceded national legislation, traditional differences between legal systems—such as the cliché of "written Continental law vs. judge-made Anglo-Saxon Law"\textsuperscript{48}—lost their former significance. Air passengers traveling anywhere in the United Kingdom, in France, or in the Hungarian People's Republic, today are subject to identical codified law;\textsuperscript{49} and it is not unusual for European judges to interpret their uniform aviation statutes by reference to English and American precedents.\textsuperscript{50} But this advanced state of unification is not without its problems.

II

Crisis of Growth

The first "International Conference on Private Air Law" took place in Paris in the fall of 1925.\textsuperscript{51} Today, one generation later, the international unification of air law has reached what Marcel Saporta terms its "crisis of growth":\textsuperscript{52} not a deadlock or a dramatic failure, but a mounting dissatisfaction. Imperfections, oversights, and contradictions, once viewed "with indulgence, in the light of the beautiful work accomplished on the whole,"\textsuperscript{53} were left to creep and to accumulate to a point where they begin to obstruct the further progress of uniform air law. Some of the difficulties that have emerged both in operation and in substance may indeed be symptomatic for uniform private law in general.

A. Operational Problems

Apart from substantive private law, all conventions on uniform air law contain a set of rules relating to the "operational aspects" of international unification.

\textsuperscript{46} For certain provisions of the Rome Conventions incorporated in the law of Switzerland, see Schaerer, \textit{L'unification internationale du droit aérien}, in \textit{COURS D'INTRODUCTION AU DROIT AÉRIEN} 27, 29 (Zürich 1959).

\textsuperscript{47} Since the 1949 Bermuda Conditions, "Warsaw rules" apply to "Warsaw flights" only; for all carriage not covered by the Warsaw Convention, special conditions of contract are stipulated which are far more favorable to the carrier. See the critique by Roger Saint-Alary, \textit{Le droit aérien} 151 (1955), and cf. Julian G. Gazdik, \textit{Analysis of Certain Aspects of the Law of Contracts Relating to International Carriage of Goods by Air}, p. 40 (thesis, McGill, 1950).


\textsuperscript{49} E.g., the Tribunal Civil of Brussels in Fischer v. SABENA (May 6, 1950), 4 \textit{REVUE FRANÇAISE DE DROIT AÉRIEN} 411, 421 (1950), and the Court of Appeal of Paris in Hennessy v. Air France (Feb. 25, 1954), 8 \textit{REVUE FRANÇAISE DE DROIT AÉRIEN} 45, 65 (1954), citing Anglo-American case law re "wilful misconduct."

\textsuperscript{50} \textit{Supra} note 1.

\textsuperscript{51} Saporta, \textit{La crise de croissance du droit international aérien}, 18 \textit{REVUE GÉNÉRALE DE L'AIR} 191 (1955).

\textsuperscript{52} Blanc, \textit{supra} note 10, at 389-90.
They require a special technique of treaty-making and implementation, developed and determined by diplomatic, constitutional, and judicial practice.

I. Membership

As the scope of application of uniform air law often depends on transnational criteria such as "international flights" between member states, the definition of "High Contracting Parties" is important. All private air law conventions are open treaties, i.e., any state may acquire (or terminate) membership by unilateral act directed to the depositary, or indirectly by "inheritance" from a member state. No approval by other members is required; the nature of the relations between new member, depositary, and old members is undefined.

It is well established—after the grotesque misunderstanding of *Philipson v. Imperial Airways*—that in order to become members, signatories must deposit an instrument of ratification, and other states, an instrument of adherence (accession). In practice, however, there is utter confusion as to ratifications not recognized because of reservations, a government not recognized by the depositary, or a depositary government not recognized by some members, and ratifications recognized by the depositary, but not by other members.

Another group of unsettled cases concerns territories which came under the régime of air law conventions not by virtue of their own adherence, but by act of a colonial power, by annexation, or by state succession. In particular, the

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64. Article 1 of the 1929 Warsaw Convention, described as a "special conflicts rule" (with two contacts, instead of one) by Riese, *Zum Warschauer Luftprivatrechtsabkommen*, 4 RABELS Z. 244, 260 (1930).


67. The National Chinese Republic (Taiwan) is not considered as a member state of the original Warsaw Convention by the Polish Foreign Ministry as depositary, while its ratification of the supplementary Guadalajara Convention has been deposited with the Mexican Foreign Ministry.

68. It appears that the Liberian ratification of the 1929 Warsaw Convention was deposited in 1942, with the Polish exile government in London (then not recognized by the Soviet Union and the Axis).


membership status of former colonial territories after their independence demonstrates variations of diplomatic practice approaching chaos and constantly nourishing litigation. Equally uncertain are the termination of membership by loss of independence, the legal effects of World War II, and the duplication of membership in federal states.

The truth is that for some of the conventions there is presently no reliable record of membership at all. For instance, as regards the Warsaw Convention—by far the most important uniform air law—the “authentic” record published by the Polish Foreign Ministry as depositary lists as individual members, *inter alia*: Newfoundland besides Canada, the (East) German Democratic Republic besides the German Reich, and Ukraine besides the Soviet Union. Several states prefer to publish different membership lists of their own. The date on which the Hague Protocol was to enter into force (after a required number of thirty ratifications) thus depended on whoever did the counting, and only a diplomatic trick saved uniformity. As to the list of states which exercised their right under the treaty to exempt governmental carriage from unification, the confusion is universal.

As a result, the drafting of “final clauses” has become a favorite field for diplomats rather than for lawyers. International conferences on private air law are turning into arenas for demagogical battles over “colonial clauses,” and the position of treaty depositary is becoming a key for power politics.

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63 Some states declared themselves to be bound *ex tunc* by ratifications or adherences made on their behalf by the colonial powers; others either withdrew or adhered separately *ex nunc*; most remained silent. In favor of automatic succession is Mankiewicz, *Air Law Conventions and the New States*, 29 J. AIR L. & COM. 52 (1963); *but cf.* Shawcross & Beaumont, *op. cit. supra* note 19, at 39, 340.

64 Latvia, an original High Contracting Party of the 1929 Warsaw Convention, now is part of the Soviet Union and disappeared from the member list published by the Polish government; while Newfoundland, now part of Canada, is still listed, see note 67 infra.

65 The Federal Republic of Germany formally reactivated the pre-war German membership by an exchange of notes with some former belligerent and neutral states; *but cf.* SAS v. Wucherpfennig, Landgericht Hamburg (April 6, 1955), 4 ZURSCHRIFT FÜR LUFTFRAKT 226 (1955), (note Meyer), which considered the Warsaw Convention as having been tacitly revived between Germany and Italy by mere resumption of mutual air traffic.


67 [1963] Dziennik Ustaw No. 33, pos. 190; the ICAO-Secretariat distributes this list in English, as received from Warsaw.

68 The most complete one by the British Foreign Office, see *Carriage by Air (Parties to Convention)* Order, STAT. INSTR., 1962, No. 2186.

69 When the deadline was approaching in 1963, four Scandinavian states deposited their ratifications simultaneously, thus pushing the number over the 30-mark for all counts.


71 See the debates during the Guadalajara conference; Michael Milde, *The Problems of Liabilities in International Carriage by Air* 104 (Acta Universitatis Carolinae, Juridica No. 1, 1963). At the 1965 Tokyo conference, a Soviet proposal carried by the Afro-Asian vote “salomonically” eliminated all unpopular references to non-self-governing territories from the text of the convention.

72 At the 1961 Guadalajara conference a narrow “Western” majority eliminated Poland as depositary for the supplementary convention (article XII), and restricted membership to states belonging to the U.N. or to its specialized agencies (articles XI, XIV).
2. Transformation

Unlike ordinary treaties, the conventions on uniform private air law do not primarily create rights and duties as between nation-states, but rather between air carriers, aircraft users, aircraft victims, and so on—"inter-individual law," to use Georges Scelle’s expression. For this purpose they have to be transformed into the law of every land according to local constitutional practice.⁷³

In some states the conventions are adopted by mere ratification and publication in the official gazette;⁷⁴ other states require special legislation to enact the uniform law as a parliamentary statute;⁷⁵ and in some states, legislative provisions are added to implement and adapt the treaty for the purposes of national law.⁷⁶ In the United States, the Warsaw Convention was originally denied self-executing effect by the courts.⁷⁷ It was later accepted as self-executing but denied a statutory cause of action.⁷⁸

Particular problems arise in federal systems when the international unification of air law touches on matters within state competency. Thus, provisions relating to the enforcement of foreign judgments in the 1952 Rome Convention were opposed by the United States and Canadian delegates as being outside federal jurisdiction;⁷⁹ and the effect of air law conventions on state wrongful death acts and workmen’s compensation statutes is still unsolved.⁸⁰

Part of the transformation process is the translation from authentic treaty language into national legal language. There are no less than three different official English translations of the Warsaw Convention (the British, Irish, and American

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⁷⁴ E.g., see Erades, Promulgation and Publication of International Agreements and Their Internally Binding Force in the Netherlands, in Varia Juris Gentium: Liber Amicorum for J. P. Adrien François 93 (1959); Dehaussy, Les conditions d’application des normes conventionnelles sur le for interne français, 87 Clunet 702 (1960); Level, La publication en tant que condition d’application des traités par les tribunaux nationaux, 50 Revue Critique de Droit International Privé [hereinafter cited as Rev. Cr. Int’l Pr.] 83 (1961).
⁷⁶ E.g., the German act implementing the Warsaw Convention: DURCHFÜHRUNGSGESETZ ZUM WARSCHAUER ABKOMMEN, ab Dec. 15, 1933, [1933] I REICHSGESETZBLATT 1079.
⁸⁰ See Rosevear, Wrongful Death Actions Under the Canadian Carriage by Air Act, 37 CAN. B. REV. 216 (1960); and the ensuing correspondence with Alastair Paterson, id. at 635, and 38 CAN. B. REV. 153, 156 (1961).
versions), at least three official Spanish versions (Spain, Mexico and Argentina); and while there was only one German translation of the original 1929 treaty, the 1961 Guadalajara supplement now exists in a West-German, an Austro-German and a Swiss-German version. Although reference to the authentic French text (article 36 of the Warsaw Convention) may help to solve diplomatic conflicts of interpretation as between member states, it seems doubtful whether a foreign language can in practice be made the yard-stick of interpretation as between ordinary citizens, too.

Once it is transformed, uniform air law is on equal level with statutory law, and not as Paul Chauveau contends, immune against subsequent legislative action. There is no international authority to control or prevent implementing legislation, just as there is nobody to verify or standardize national translations, "authoritative" interpretations, and even less, judicial application of the (once) uniform law. The situation perfectly illustrates what Franz Kahn described as "latent conflict of laws."

3. Interpretation

Recent surveys of the judicial interpretation of the Warsaw Convention in various member states confirm a pessimistic forecast voiced in 1927. In the absence of

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82 The joint translation of the 1929 Warsaw Convention was the result of a meeting of the three German-speaking delegations at Budapest in 1930. At the 1962 joint meeting in Berne, however, the delegations were unable to agree on a common nomenclature again; see the communiqué in ZfL 319 (1962).

83 Article XXVII of the 1955 Hague Protocol, which refers to the French text in case of inconsistency, was indeed incorporated in the United Kingdom Carriage by Air Act (1961), 9 & 10 Eliz. 2, c.27, § 1(2); see also article XVIII of the 1961 Guadalajara Convention.

84 Chauveau, supra note 37, at 575. The only exception to the rule lex posterior derogat legi priori was article 28 of the French Constitution of 1946, which gave superiority to treaty law over subsequent legislation; see Gallais v. Aéro-maritime Co., supra note 62, at 186. This unique provision was abandoned, however, in the new French Constitution of 1958; see Henri Batiffol, Traité élémentaire de droit international privé 43 (3d ed. 1959). The seemingly similar article 66 of the Netherlands Constitution of 1956 has been restricted to 'self-executing' treaties; Erades, 6 Nederlands Tijdschrift voor Internationaal Recht 408 (1959).

85 Such as the comments on the Warsaw Convention by U.S. Secretary of State Cordell Hull, S. Exec. Doc. C, 73d Cong., 2d Sess. 3 (1934), 1934 U.S. Av. R. 240; by the German Ministry of Justice, [1933] Amtliche Sonderveröffentlungen der deutschen Justiz No. 11 by the Swiss Federal Council, [1952] III Bundesblatt 235; and by the Austrian government, Beilagen zu den stenographischen Protokollen des Nationalrates No. 432, IX, G.P. (1961); all of which have occasionally been referred to by courts interpreting the convention.

86 Kahn, Gesetzeskollisionen, 30 IHRING JAHRESBÜCHER I (1891), reprinted in FRANZ KAHN, ABHANDLUNGEN ZUM INTERNATIONALEN PRIVATRECHT 92 (Munich 1928); see Alexander Makarov's comment in I VOPROSY VOZDUSHNOGO PRAVA 139 (1927), transl.: Makarov, Die zwischenprivatrechtlichen Normen des Luftrechts, 1 Zeitschrift für das gesamte Luftrecht 180, 186 (1927).


88 Kaftal, Quelques réflexions au sujet d'une convention internationale concernant le transport par aéronefs dés personnes, des bagages et des marchandises, 11 Revue juridique internationale de la
a common authority for the interpretation of uniform air law conventions, the courts of different member states will interpret the conventions in different ways “so that the apparent unity of the law falls to pieces.”

Several proposals for the establishment of an international supreme court for uniform air law failed, partly because they were considered as incompatible with North American federal structures. Pious resolutions for the “promotion of uniform interpretation of the international private air law conventions” were equally unsuccessful.

Nor are there any precise canons of interpretation for the conventions. General principles such as the Granada resolutions of the Institute of International Law are of little avail. Historical interpretation by reference to travaux préparatoires is inadmissible in some legal systems, is likely to be rejected by states who did not themselves participate in the drafting work, and after thirty years of progress in aviation may be either irrelevant—as the “air charter” dispute shows—or plain anachronism. Comparative or “harmonizing” interpretation by reference to foreign case law inevitably seems to favor the strongest party, namely, the air carrier. In the absence of a reliable international law reporter for uniform air law cases, selected foreign precedents are sometimes presented to the courts by airline.

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attorneys, with the candid request "not to place the national air transport industry at a competitive disadvantage with respect to foreign air carriers.' Functional or teleological interpretation by reference to the objectives of unification have led different national courts to suprising contradictions over the "primary purposes" of uniform air law conventions. To make things worse, in the famous Froman case the majority opinion of Judge Desmond found support in "the general purport and purpose of the [Warsaw] Convention," while the dissenting opinion by Judge Conway reached the opposite conclusion invoking "the aims and intendments" of the same text.

In actual practice, the courts of the various states "will be prone to construe an ambiguous term in the sense in which it is understood by their own law." It is a traditional habit for judges interpreting uniform law first to pay lip-service to international unification, and then to conclude, as in Bochory v. Pan American Airways: "[T]his question is one of interpretation of the Warsaw Convention, and it is the law of this jurisdiction which determines the interpretation." Whether this attitude should be attributed to the "lack of interest of many judges and practising lawyers as regards anything foreign to their own legal system, often combined with a comfortable superiority complex" or to straight chauvinism, is a moot point. The fact is that, because of elementary differences of legal concepts and methods of statutory interpretation, the general trend is not towards greater uniformity and harmony of decisions, as is sometimes believed, but rather, as René H. Mankiewicz points out, towards "judicial disunification" of private air law.

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20 Compare the argument for defendant in Vizioz v. Air France, 8 REVUE FRANÇAISE DE DROIT AÉRIEN 421 (1954), and Chauveau's comments on Hennessy v. Air France, id. at 69.
20 Id. at 180.
20 Wolfe, op. cit. supra note 89, at 51; accord: Mann, The Interpretation of Uniform Statutes, 62 L.Q. Rev. 278 (1946), and Batifol, op. cit. supra note 84, at 41.
20 E.g., Flying Tiger Line v. United States, 170 F. Supp. 422 (Ct. Cl. 1959), 1959 U.S. & Can. Av. R. 112, 117: "The document being a writing accomplished by international agreement, an American court does not have the right to interpret it as freely as it might interpret an American statute or contract."
20 Drioli, supra note 92, at 424.
20 Bayer, supra note 98, at 609 n.29; Giuseppe Guerrini, American Jurisprudence on the Warsaw Convention 4 (1960); and Marcel Le Goff, Manuel de droit aérien: Droit privé 154 (1961).
20 Mankiewicz, Le sort de la Convention de Varsovie en droit écrit et en Common Law, in 2 MÉLANGES EN L'HONNEUR DE PAUL ROUBIER 105, 109 (1961), and supra note 87, at 459.
4. Amendments

It is essentially due to these "centrifugal tendencies in air law," as Bin Cheng has called them,\(^{111}\) that periodic amendments of the original conventions become necessary. The Warsaw Convention of 1929 had hardly entered into effect when the first proposals for revision were put forward, were discussed in various international committees, and eventually resulted in the 1955 Hague amendments and the 1961 Guadalajara supplements.

A famous example is the oft-maligned definition of faute lourde équivalente au dol (article 25 of the Warsaw Convention), known as "the result and the starting point of a comedy of errors."\(^ {112}\) After experimenting with two other formulations in the Rome Conventions of 1933 (article 14) and 1952 (article 12 § 1), the international lawmakers finally agreed on a paraphrase of contemporary judicial definitions of "wilful misconduct" in the 1955 Hague Protocol.\(^ {113}\) Similar developments caused changes in article 9 (documentary requirements) and article 22 (limits of liability), after United States court decisions had openly revolted against the clear text of the old convention.\(^ {114}\)

The late Arnold W. Knauth once characterized this as "a race between the makers of uniform laws and the haphazard work of legislatures and judges in the 250 or more states of this modern world."\(^ {115}\) Unfortunately, as compared with national law-makers, the framers of international uniform law are severely handicapped in this race:

(a) Unlike revised statutes, amendments of international conventions do not automatically supersede the original text. Each state is free to stick to the un-amended original treaty or to adopt the revised edition of its choice. As the provisions relating to the coexistence of different subsequent editions of uniform air law are most unsatisfactory,\(^ {116}\) there emerges a new type of conflicts in private international law: the conflict of conventions.\(^ {117}\)

(b) To amend an international air law convention is far more complicated than to amend national law. By the time the amendment has been drafted in inter-

\(^ {113}\) Particularly the instruction to the jury by Barry, J., in Horabin v. BOAC, [1952] 2 All E.R. 1016 (Q.B.).
national committees, adopted by a diplomatic conference, and ratified by the required number of states, it is usually ripe for amendment itself.

B. Substantive Problems

Harold Caplan, pointing to unratified air law conventions, asks: “Was this because they were imperfect? Or was it because they no longer satisfied the needs which were felt to be urgent long before they were signed? If the answer to either of these questions were yes—then this might be more of an indication of intrinsic defects in the Conventions, rather than an indication of the slothful nature of governments.”

1. Consensus

During the early period of air law unification, it was relatively easy to obtain government approval for international uniform law—for the simple reason that there was little or no national legislation on the new subject of aviation. The CITEJA conventions often preceded the work of national legislators, who willingly seized on international models for their statutes. The situation changed, however, as aviation became a routine field of legislation. Air law lost its novel character and was integrated in the respective legal systems. States accumulated their own legislative and jurisprudential experience with aviation matters, and now seem increasingly reluctant to abandon national patterns, or to accept “alien” concepts.

As a result, the drafting of air law conventions more and more involves considerations of national prestige and diplomatic compromise rather than of optimal solutions. The very philosophy of “creative codification” is changing into a “restatement philosophy” based on preferred patterns of positive law.

It is no secret that this affects the quality of uniform law, too. As Kurt Grönfors puts it, “a good rule with world-wide acceptance is better than a better rule opposed by a number of states. One has to pay a price for international uniformity.” The trouble is that the present international institutions—based on the classical one-state-one-vote system—afford no adequate remedy. Drafting sessions may be dominated by representatives of states more politically ambitious than interested in a workable unification, and apparent majority decisions at ICAO meetings or at diplomatic conferences often overrule dissenting “minorities” representing the bulk of world air transport. A striking example is the 1952 Rome

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219 This is still true for a number of “new states”; but see note 163 infra.
220 For a warning against foreign air law concepts which might remain “anomalies” or “Cinderellas” in the national environment of the law, see Schweikhardt, Der Einfluss des internationalen Luftrechts auf die Privatrechtsentwicklung, in Journées d’Étude de Droit Aérien 9, 19 (1961).
222 Brown, loc. cit. supra note 79.
Convention, which is considered as unacceptable by the United States\textsuperscript{123} and by many European states (both West and East).\textsuperscript{124} Instead, it was ratified by a number of states unlikely ever to see any major air traffic among each other.

2. Economic Factors

Carl Wieland once said that the international unification of all private law is "but a dream, and not even a nice one,"\textsuperscript{125} a view shared by Roscoe Pound.\textsuperscript{126} In addition to the natural diversity of legal systems in the world, differences in national and regional economic standards can prevent an all-out unification.

To mention just one example: Several air law conventions contain monetary limits of liability for accident damages. The 1929 Warsaw Convention, as well as the 1933 and 1952 Rome Conventions and the 1955 Hague Protocol, expressed these uniform ceilings in a special gold standard based on the 1928 French gold currency (the "Poincaré-Franc"),\textsuperscript{127} thus creating an international monetary system of their own.\textsuperscript{128} The advantage of the gold standard was then—and still is—seen in the fact that it is almost perfectly "static," i.e., immune against variations of currency exchange rates, national income, and so on, and therefore keeps the limits equal and stable (a) internationally, and (b) intertemporally.\textsuperscript{129} This, of course, greatly facilitates the calculation of risks and insurance in international aviation, and considerably reduces the carriers' costs.

In practice, however, the measure of personal damages for wrongful death and injury is directly proportionate to income. For instance, in Tuller v. KLM,\textsuperscript{130} the court calculated the compensation for the deceased air passenger's dependents by the rule-of-thumb of

\[ D = \frac{I \times L}{2} \]

(multiplying Tuller's annual income \( I \) by his...
years of life expectancy \( L \), and dividing by 2). For actuarial purposes, average personal damages \( D \) may be treated as a mathematical function of average personal income: \( D = f(I) \), even if average life expectancy is assumed to be unrelated to income. Consequently, the measure of personal damages is bound to vary: (a) internationally, depending on the average national income per capita; (b) intertemporally, following the income index, which due to increasing productivity and technical progress is constantly on the rise. In other words, if standards of living are "dynamic" variables, so are the standards of dying in air accidents.

Estimating the index of average income per capita in three sample member states of the Warsaw Convention (United States; France; India) at 40, 20, and 1, respectively, we obtain the following

\[
\text{Average Measure of Personal Damages in Air Accidents}^{182}
\]

The 1929 Warsaw Convention limited the carrier's liability for personal damages to 125,000 gold francs per passenger, i.e., approximately $8,300 today. It appears that this amount was adequate to the American measure of damages when the United States joined the Convention in 1924, a few months after President Roosevelt's dollar devaluation. During the post-war years, however, the measure of damages — geared to climbing personal incomes mainly by the contingent-fee system — rapidly overtook the Warsaw standard. At the 1955 Hague Conference the U.S. delegation proposed to triple the uniform gold sums; against heavy opposition from low-income countries, the amount was merely doubled to 250,000 gold francs...
(approximately $17,000) per capita. Now that the new limit has come into effect (on August 1, 1963), West European states begin to realize that this is no longer sufficient to meet their own rising standards of income and personal damages, and in the United States even the $25,000 limit offered at The Hague is considered too low.

Recent suggestions to raise the uniform limits once more are missing the point. The "income gap" between the "founding members" of the Warsaw Convention and the developing countries (which now supply almost two thirds of the membership) is constantly widening. If a uniform medium limit is fixed by majority decision, high-income states will be forced either to withdraw altogether or to create supplementary national schemes whereby the beneficiaries of the uniform limit (i.e., the airlines, to whom it is an indirect subsidy) compensate the victims. The "static" uniform standard thus either eliminates important member states, or necessitates adjustments to "dynamic" national standards and defeats itself in the process. The measure of personal damages, for one, is a perfect illustration of what Drion calls the borderland of feasible international unification.

3. Parkinson's Air Law

A basic policy rule for the elaboration of uniform air law, as formulated by Maurice Lemoine, is "not to accept any other source of inspiration than the needs of practice." Unfortunately, the very creation of permanent organizations and committees somehow appears to undermine such self-restraint.

According to Cyril Northcote Parkinson's fundamental laws of administration, any organization or committee suffers from an inherent urge to justify its existence by constant activity (regardless of the results). CITEJA and the Legal Committee of ICAO are no exceptions from the rule. Once the production of uniform air law

141 Drion, op. cit. supra note 112, at 42: "If there is any field in which unification of the law on a world-wide basis would be inappropriate, it is the field of the amount of damages to be paid in case of death or injuries. For in few areas local views and circumstances of a social and economic character are of such importance." Even on a national level, uniform personal damages are a mixed blessing: Selmer, Limitation of Damages According to the Circumstances of the "Average Citizen," 5 SCANDINAVIAN STUDIES IN LAW 133 (1961).
142 Lemoine, Essai sur les perspectives d'avenir du droit aérien international, 2 REVUE FRANCAISE DE DROIT AERIEN 133 (1948).
143 Cyril Northcote Parkinson, Parkinson's Law (1957).
was institutionalized, the supply became increasingly independent of demand. With due respect to their positive achievements, the two committees can safely be said to have produced a fair amount of "uniform law" that was either premature, superfluous, or at best experimental. Their most notorious miscarriage was the law on third-party damage by aircraft: After CITEJA's 1933 Rome Convention and the 1938 Brussels Protocol turned out to be failures (having received 5 and 2 ratifications, respectively), ICAO launched the equally unloved 1952 Rome Convention, and presently thinks of surprising its members with a new model.

One might argue that zeal is an inevitable operational defect, and that unratified conventions can do no harm. This is not so. Quite apart from the considerable waste of time and money by international committee meetings and diplomatic conferences, each unnecessary or unacceptable convention destroys some good-will and "throws discredit on the entire work of international unification of air law." The problem is substantive, and may have its repercussions on the policy of states regarding uniform law as a whole.

III
FUTURE PROSPECTS OF UNIFICATION

It is submitted that what uniform air law needs is not further expansion, but more reflection and some overhaul. Our analysis would seem to indicate that the present "crisis of growth" has more operational than substantive causes. Something will have to be done about this, lest defective bits and pieces, the by-products of much hit-and-run unification, grow into major problems.

A. Alternatives

Because of the general international enthusiasm for the method of uniform legislation in air law, alternative ways of dealing with the ills of conflicting national law may have been neglected.

First, the hidden virtues of the stepchild of private international air law, the "clinical" rules of conflict of laws, seem to have been underestimated in the past. Almost thirty years ago, R. Coquoz wrote:

344 *Supra* notes 79, 123, 124.
346 This was largely the fault of European jurists who considered uniform choice-of-law rules as inferior to unification, and as "more satisfactory to the lawyers than to the interested parties": Ripert, *L'unification du droit aérien, i Revue générale de droit aérien* 251, 258 (1932); *cf.* the minutes of the Warsaw Conference, *II Conférence internationale de droit privé aérien, 4-12 Octobre 1929 Varsovia* (1930), ICAO-Doc. 7838, at 44; English translation in Calkins, *The Cause of Action Under the Warsaw Convention, 25 J. Air L. & Com. 217, 233* (1959).
Once CITEJA will have finished its work, and the international conferences will have legislated on the main problems of private air law; once we will know the success or failure of the conventions drafted, from the number of ratifications or adherences; then, the moment will have come to complete the work of unification, and to formulate the rules of Conflict of Air Laws designed to solve those questions which were not successfully settled by internationally uniform rules.

It may well be that this moment has come, judging from the renewed attention paid to conflicts of air laws, particularly by the Institute of International Law.\(^{148}\) It comes at the very time when American courts dealing with inter-state conflicts in aviation are beginning to throw some dogmatic anachronisms over board,\(^{149}\) so that—as Brainerd Currie says—"we have all been left free to work toward a better law of conflict of laws."\(^{150}\)

Second, the rules on jurisdiction and foreign judgments may deserve more concern. There has been a startling increase in litigation regarding the proper law of conflict of aviation are beginning to throw some dogmatic anachronisms over board,\(^{149}\) so that—as Brainerd Currie says—"we have all been left free to work toward a better law of conflict of laws."\(^{150}\)

More policy research is needed into the "forum conveniens"\(^{151}\) or, as Drion puts it, the "natural forum"\(^{152}\) which can legitimately claim


\(^{155}\) See Philip C. Jessup, TRANSNATIONAL LAW 107 (1956), and particularly Albert A. Ehrenzweig, A Treatise on the Conflict of Laws 307 et seq. (1952).

\(^{156}\) Drion, De ratio voor toepassing van vreemde recht in zake de onrechtmatige daad in het buitenland, (1949) REchtsgeleerd Magazine Themis 3, 49, 62.
recognition abroad. In the light of the recent success of arbitration in public international air law, there may also be some reason to reconsider the positive advantages of commercial arbitration clauses in private air law conventions.

Thirdly, a reappraisal of various methods to avoid conflicts of laws by "private" means is long overdue. This requires some "fact research in law." Standard conditions of carriage, court-approved or not, are facts of international air transport profoundly affecting the law of carrier-passenger relations (documents of carriage), and of carrier-carrier or carrier-middleman relations (charter and interchange of aircraft). "Private" accident insurance by airlines can modify the entire system of liability to passengers under the Warsaw Convention; hull insurance contracts and equipment trusts can be used to circumvent the system of aircraft finance contemplated by the Geneva Convention. It would seem logical, therefore, first to delimit the area which can, and the area which cannot, be left to "private unification." If private associations such as IATA are recognized as performing a genuine law-making rôle—as in actual practice they do—then the question arises whether their quasi-legislative procedures grant adequate representation to all groups affected (e.g., passengers; aircraft users; travel agents; air freight forwarders). If, however, such private standardization has substituted "a manifest abuse of economic power" for freedom of contractual bargaining, then this might be an urgent indication that the process of private unification of air law is in need of democratization.

B. Consolidation

The body of uniform private air law, as it now stands, is not a coherent code, but a collection of autonomous uniform statutes, divergent and sometimes contradictory in terminology, in scope of application, and in substance. This may not be too different from comparable situations on the level of national statutory law; but it is far more mischievous in the case of international models for world-wide legislation. The recent practical experience of ICAO legal officers who were faced

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166 See the U.S.-France and the U.S.-Italy arbitrations in 3 AMERICAN SOCIETY OF INTERNATIONAL LAW, INTERNATIONAL LEGAL MATERIALS 668 and 1001 (1964); cf. Larsen, Arbitration in Bilateral Air Transport Agreements, 2 AM. FOR Luftrett 145 (1964).

167 For carriage of goods by air, see articles 32-33 of the Warsaw Convention. IATA favors an extension of arbitration to passenger transportation; see ICAO-Doc. 7450-5-136 II.111. Among the advantages of arbitration over litigation are: expertise of arbitrators, time and cost savings, finality of sentence, and no publicity.

168 Nussbaum, Fact Research in Law, 40 COLUM. L. REV. 189 (1940).


171 Riese & LaCour, op. cit. supra note 20, at 245; cf. 1 ALEX MEYER, INTERNATIONALE LUFTFAHRT-KOMMEN 159 (1953).

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with the task of drafting new aviation statutes for several developing nations as a U.N. Technical Assistance project strikes an alarming note in the general concert of complacency. A thorough reappraisal with a view to consolidating the conventions wherever possible would promote their universal acceptance, and facilitate future drafting.

First, the rules of uniform law contained in air law conventions are unfit for immediate adoption as national statutes, because they are interspersed with various “general and final provisions” concerning signature, ratification, and so on, which do not concern the local legislator. Strict separation of these operational rules from the substantive model law, possibly by division into “treaty” and “schedule,” would seem preferable for all practical purposes. Not only are the operational provisions of the conventions in need of standardization on the basis of the law of treaties as elaborated by the U.N. International Law Commission; consolidation of diplomatic practice regarding all air law conventions would also eliminate much of the political agitation that is beginning to obstruct the work of international conferences on private air law. An authoritative central registry for all treaty data would have to include not only the instruments of ratification, adherence, and reservations, but also evidence of national translations, transformations, and amendments affecting the uniformity of air law.

Second, the unification of air law must be brought in line with parallel unification movements in other fields of private law, particularly the law of international carriage by sea, rail, and road. Besides facilitating “through-carrige,” this might help to reduce the confusion which divergent terminology creates for everybody concerned. For instance, there are presently at least three different gold standards in existence for conventions on uniform law: a “gold franc” as used in the Berne Conventions on International Carriage by Rail represents a monetary value entirely different from the equivalent of the gold francs of the Warsaw and Rome Conventions on Carriage by Air, or the Brussels Conventions on Carriage by Sea. The interaction of private air law and maritime law has been little more than accidental, with the possible exception of rare national experiments like the Italian

163 Reports on air legislation in new states, on file with the ICAO Technical Assistance Bureau, Montreal.


165 Hostie, Die ‘protokollarischen Klauseln’ in Abkommen zur Vereinheitlichung des Privatrechts, 2 Österreichische Hefte für die Praxis des internationalen und ausländischen Rechts 63 (1957).

166 See 2 René Rodière, Droit des transports 62 (1955).


"Code of Navigation." The joint conferences initiated by the UNIDROIT-Institute in Rome are a good start, but more planned coordination is required. In the global context of unification, air law is too serious to be left to the air lawyers. Rather than sending the occasional honorary observer to air law conferences, the Rome Institute should be able to provide comparative guidance based on parallel research data from all branches of international transportation law.

Thirdly, it must be realized that the conventions on uniform air law are really living organisms, subject to a natural process of evolution and differentiation depending on their environment. To steer this process, and to adapt the uniform law to changing circumstances, there ought to be a common authoritative institution. If a permanent legislative body or an international court of appeal is not practicable, new proposals for a regional court or for an advisory board of experts would deserve to be followed through. At the very least, possible "conflicts of conventions" can be anticipated and avoided by draftsmanship. Most urgently needed is a central recording and reporting system for all national court decisions interpreting the conventions, for "easy accessibility of foreign precedents may be as effective as a common court of appeal."
C. The Rôle of Scholarship

The unification movement in air law, after having been started by a cosmopolitan group of academic lawyers, was gradually taken over by administrators, national and international. It would certainly be a mistake to link the present "crisis of growth" to this change of hands. Yet we submit that, if the crisis is to be overcome, uniform air law needs scientific attention from outside, from scholars unburdened by professional routine.

First, the methods of uniform air law must be adapted to the conditions of a time when most states have developed comprehensive national systems and concepts of air law. The elaboration of conventions no longer operates in a legal vacuum as in the pioneer days of international aviation. One has to take into account the entire body of positive air law as it exists in the more than 100 member states of ICAO, as well as in a few important non-member states. The ICAO technique of "your-law questionnaires" to all governments participating in the drafting of a new convention provides a useful "supply of solutions," but this is not enough. Each new drafting project ought to be preceded by a comprehensive comparative study based on national reports, and accompanied by an analysis of possible economic, technical, and social consequences or requirements. If the research and documentation tasks involved are beyond the resources of ICAO, they might be handled by way of "research contracting" with specialized institutions and individual scholars.

Second, the world-wide teaching of uniform air law must be promoted and coordinated as part of the long-range planning for international unification. The conventions drafted by pioneer "law-founding generations" depend on future "law-keeping generations" for acceptance, preservation, and development. Lawyers must be trained to make use of uniform rules that may be unfamiliar and different from national law. Just as national law schools guarantee the unity of a legal system, international uniform law needs similar institutions on a new level. A 1956 ICAO resolution recognizes the importance of specialized legal training in this field.

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180 The term is by Zitelmann, as quoted in Rabel, Aufgabe und Notwendigkeit der Rechtsvergleichung, 15 Rheinische Zeitschrift für Zivil- und Prozessrecht des In- und Auslandes 279, 387 (1925).
181 Similar to procedures used by the UNIDROIT-Institute in Rome, by the International Academy of Comparative Law, and projected for the "International Encyclopedia of Comparative Law" by UNESCO's International Association of Juridical Science.
182 There are Air Law Institutes at universities in Aix-en-Provence, Buenos Aires, Canberra, Cologne, London, Madrid, Montreal, Oslo, Rome, Tokyo, Utrecht, and Warsaw, which could be used in the way in which Ernst Rabel and the Max-Planck-Institute contributed to the UNIDROIT draft for the uniform law on sale of goods.
which is already available in many parts of the world. Yet, if such training is to further uniformity, it must follow common guidelines. Hence the need to develop common principles of legal theory, and to coordinate the efforts of existing academic institutions.

Thirdly, there are legitimate reasons for more active personal participation of scholars in international organizations responsible for the drafting of uniform air law. The more a government is concerned with the practical consequences of international unification of law, the less it seems inclined to entrust its representation at international meetings to independent academic lawyers. This may be natural, as a delegation of obedient civil servants is thought to serve a nation's interests best and to influence an international conference accordingly—but it may be a natural miscalculation. The prewar conferences on uniform private air law, though more or less a European affair, taught an important lesson on international draftsmanship: Germany, then the leading economic power in European civil aviation, regularly appointed delegates to the conferences who—although they were internationally respected for their expert knowledge—were known to be government employees under orders from the Reich Ministries of Justice or Transportation. France, who ranked only third or fourth in air power, in turn sent delegations headed by Georges Ripert or Albert Geouffre de La Pradelle, who were known as the great names of the Faculté de Droit of Paris. It is true that they spoke more often for their own French legal minds than for any short-range objectives of the French government; but when they spoke, they carried the floor—CITEJA, diplomatic conferences and all.86

If uniform air law still bears the imprint of French legal thinking today, it is because of scholarly reputation and ability, not because of some sinister European design. As one competent observer of the scene, Otto Riese, later put it:87

"Ce n'est pas la puissance ni la grandeur politique
d'un pays, mais la pertinence des idées qui fait triompher les progrès dans l'humanité."

87 Significantly, though, it was easier for powerful states to influence uniform texts passed by IATA—to the point where a Dutch court in the 1936 Oostervar case (supra note 16) based its interpretation of the IATA standard conditions on affidavits received from the two German and British airline attorneys who were known as the authors of the conditions.