



THE AUSTRALIAN REPRESENTATIVE
ON THE COUNCIL OF THE
INTERNATIONAL CIVIL AVIATION ORGANIZATION

Our Reference: AN 6/5

22 December 2009

Mr. Raymond Benjamin
Secretary General
International Civil Aviation Organization
Montreal, Quebec
CANADA

Dear Mr. Benjamin

Collection of Information on voluntary activity for greenhouse gas (GHG) reduction/mitigation in the aviation sector (Ref: AN 1/17-09/93)

I refer to the Secretary-General's letter of 2 December, 2009 (AN 1/17-09/93) on the above subject.

Australia's comments are set out in the attached questionnaire.

Yours sincerely

PETER EVANS

1184/63583
SECRET DIRECT

ATTACHMENT to State letter AN 1/17-09/093

**QUESTIONNAIRE CONCERNING VOLUNTARY ACTIVITY FOR GHG
REDUCTION/MITIGATION IN THE AVIATION SECTOR**

A copy of the questionnaire, in Microsoft Word format, has been posted on the Internet at <http://www.icao.int/icao/en/env/measures.htm>.

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Organization: Australian Department of Infrastructure, Transport, Regional Development & Local Government
Phone: +61 2 6274 7993
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E-mail: david.southgate@infrastructure.gov.au

Q1. Name of the voluntary activity.

Asia and Pacific Initiative to Reduce Emissions (ASPIRE)

Q2. Type¹ of the voluntary activity.

- Unilateral commitment Public voluntary scheme Negotiated agreement
 Other (Please describe the activity in the box below.)

Other. ASPIRE is a voluntary agreement between the air navigation service providers of Australia, Japan, United States and New Zealand to work closely together to reduce aircraft fuel burn and carbon dioxide emissions through efficiency improvements on key Asian and Pacific routes.

Q3. Please mark all the participants² of the activity.

- Airline Airline association Manufacturer Manufacturer association
 Airport authority Air traffic control Government Other (Please specify in the box below.)

Airlines, air traffic control, airport authorities and governments.

¹The features of each type of voluntary activity are as follows.

- Unilateral Commitment: The environmental improvement plan established by the participant itself, and declared to the stakeholders, such as employees, stockholders, consumers, etc. Target and measures to environmental improvement are established by the participant itself.
 - Public Voluntary Scheme: The scheme which the participant agrees voluntarily with the standard on environmental improvement target, technology, management, etc. established by public organization such as Ministry for Environment.
 - Negotiated Agreement: Contract based on negotiation between public organization (national government/local government) and industries. Both parties can independently decide whether to agree to the contract.
- ² If you marked "Public voluntary scheme" on Q2, the public organization which establishes the standard is included in the participants. If you marked "Negotiated agreement" on Q2, the public organization which agrees to the contract is included in the participants.

Q4. Is the voluntary activity accompanied by a side agreement³?

Yes (Proceed to Q4-1.) No (Proceed to Q5.) Yes

Q4-1. If the voluntary activity is accompanied by side agreement, please describe the parties and outline the side agreement.

Current partners are Airservices Australia, Airways New Zealand, Japan Civil Aviation Bureau and the United States Federal Aviation Administration (The Civil Aviation Authority of Singapore is expected to join on the 2nd of February 2010.)

ASPIRE is an agreement, signed in February 2008, under which partners pledge to adopt and promote best practices that have demonstrated and proven success in the reduction of greenhouse gases, as well as to the development of work programs to promote future gains for the environment.

Q5. Please answer the following questions concerning the coverage of the voluntary activity:

Q5-1. Select all green house gases (GHGs) which are part of the voluntary activity.

Carbon dioxide (CO₂) Methane (CH₄) Nitrous oxide (N₂O)
 Hydrofluorocarbons (HFCs) Perfluorocarbons (PFCs)
 Sulphur hexafluoride (SF₆) Nitric oxide & Nitrogen dioxide (NO_x) Water vapor (H₂O) Other (Please specify in the next box.)

All GHGs from aircraft operations with main focus on CO₂.

Q5-2. Please select all operations⁴ which are part of the voluntary activity.

International passenger flight Domestic passenger flight
 International cargo flight Domestic cargo flight Other (Please specify in the next box.)

International passenger and international cargo flights.

Q6. Please answer the following questions concerning the index to measure the effect of the voluntary activity.

³ "Side agreement" is the agreement between the participant of the activity and a third party. For example, the agreement between an airline and an engine manufacturer, which prescribes that the manufacturer assist the airline to attain its target by introducing new emission-reducing technologies, is considered as a side agreement. For more information, please refer to Part II Paragraph 6.5.2 on "Template and Guidance on Voluntary Measures", released on ICAO CAEP website (http://www.icao.int/icao/en/env/Caep_Template.pdf).

⁴ In case that the voluntary activity describes its coverage from the other viewpoint than listed above, such as "operation under IFR", "operation of aircraft larger than specific weight", etc. and that aim of the activity is not linked to operation directly, for example introduction of new technology which contributes reduction/mitigation of GHGs, please mark "other" and please describe feature.

Q6-1. Select the index used to measure the effect of the voluntary activity.

- Absolute quantity of GHG emissions⁵ (Please outline the index in the box below.)
- Unit of GHG emissions⁶ (Please outline the index in the box below.)
- Introduction of specific technology
- Introduction of specific procedure Other (Please specify in the box below.)

Absolute quantity of GHG emissions reduction on specific flights.

Q6-2. Please outline the procedure to acquire data to calculate or describe the index of Q6-1.

A series of trans-Pacific test flights has been undertaken for which absolute fuel savings have been specifically measured. In addition to the test flights the group has commenced data modelling directly with the participating airlines. The data collection will form the bases for proposed emissions targets.

Q7. Please answer the following questions concerning the target of the voluntary activity.

Q7-1. Is the target of the voluntary activity clearly defined?

- Yes (Proceed to Q7-2.) No (Proceed to Q8.) No

Q7-2. Please describe the target of the voluntary activity, including substance of the target, target year, base year.

There is no set target as such but a general objective to maximise fuel and emissions reductions on long range flights across the Pacific.

⁵ The example of the unit is Ton-CO₂, Ton-C, m³-CO₂, etc.

⁶ The example of the unit is g-CO₂/RPK(Revenue Passenger Kilometer), g-CO₂/ASK(Available Seat Kilometer), g-CO₂/RTK(Revenue Ton Kilometer), g-CO₂/ATK (Available Ton Kilometer), etc.

Q8. Please list the measures to attain the target or to reduce/mitigate GHGs.

Range of air traffic management procedures including:

- . Surface Movement and Runway Monitoring
- . Departure Management and En-Route/Oceanic Transition
- . User Preferred Routes (UPRs)
- . Dynamic Airborne Reroute Procedures (DARP)
- . Oceanic Separation Reductions
- . Reduced Vertical Separation Minima (RSVM)
- . Flexible Track Systems
- . Arrivals Management - Time-based arrivals management
- . Continuous Descent Arrivals (CDA) - including Tailored Arrivals; RNAV and RNP-AR approaches
- . Performance Based Navigation (PBN) Implementation

Q9. Please answer the following questions concerning periodic review of the voluntary activity.

Q9-1. Is the progress of the voluntary activity reviewed periodically?

- Yes (Proceed to Q9-2.) No (Proceed to Q10.) Yes

Q9-2. Please describe the frequency of the periodic review.

Ongoing process of exploring opportunities for more efficient procedures.

Q9-3. Is a third party's opinion considered/to be considered in the periodic review?

- Yes (Proceed to Q9-4.) No (Proceed to Q10.) All stakeholders' opinions are considered.

Q9-4. Please outline the third party opinion.

No examples at this time.

Q10. Please answer the following questions concerning legislative obligation.

Q10-1. Is there any legislative obligation on attainment of the target?

- Yes (Proceed to Q10-2.) No (Proceed to Q11.) No

Q10-2. Please describe legislative obligation, including measures taken in case that the participant of the voluntary activity fails to attain the target.

No legislative obligation involved.

Q11. Please answer the following questions concerning disclosure of information⁷ on the voluntary activity:

Q11-1. Is the name of the participant of the voluntary activity disclosed to the public?

Yes No Yes

Q11-2. Is the target of the voluntary activity disclosed to the public? (If you marked "no" at Q7-1, the answer to this question shall be "not applicable".)

Yes No Not applicable Not applicable

Q11-3. Are the measures taken/to be taken by the participant of the voluntary activity to attain the target/reduce or mitigate GHGs disclosed to the public?

Yes No Yes

Q11-4. Is the result of each periodic review disclosed/to be disclosed to the public? (If you marked "no" at Q9-1, the answer to this question shall be "not applicable".)

Yes No Not applicable Yes

Q11-5. Is the effect of the voluntary activity disclosed/to be disclosed to the public?

Yes No Yes

Q12. Please answer the following questions concerning effect of the voluntary activity:

Q12-1. Is third party's opinion considered/to be considered when examining the effect of the voluntary activity?

Yes (Proceed to Q12-2.) No (Proceed to Q12-3.) No

⁷ Item(s) to which the answer is/are "no" from Q11-1 to Q11-5, are considered but this information will not be included in the final report.

Q12-2. Please outline the third party opinion.

Not applicable

Q12-3. How much of GHGs amount emitted per year, in CO₂ weight equivalent are reduced or mitigated/expected to be reduced or mitigated by the voluntary activity?

Potential annual saving of over 37 million litres of fuel and more than 100,000 tonnes of CO₂ emissions if all flights between Australia, New Zealand, the United States and Canada were operated under ASPIRE conditions.

Q13. Please provide the website address for the voluntary activity, if any, in the box below.

www.aspire-green.com

Q14. Please describe additional information, if any.

ASPIRE's goals are to:

- . accelerate the development and implementation of operational procedures to reduce aviation's environmental footprint for all phases of flight on an operation by operation basis, from gate to gate;
- . facilitate world-wide interoperability of environmentally friendly procedures and standards;
- . capitalise on existing technology and best practices;
- . develop shared performance metrics to measure improvements in the environmental performance of the air transportation system;
- . provide a systematic approach to ensure appropriate mitigation actions with short, medium and long-term results;
- . communicate and publicise ASPIRE environmental initiatives, goals, progress and performance to the global aviation community, the media and the general public.

ATTACHMENT to State letter AN 1/17-09/093 ([Additional September 2010](#))

**QUESTIONNAIRE CONCERNING VOLUNTARY ACTIVITY FOR GHG REDUCTION/MITIGATION
IN THE AVIATION SECTOR**

A copy of the questionnaire, in Microsoft Word format, has been posted on the Internet at <http://www.icao.int/icao/en/env/measures.htm>.

Name: David Southgate
Organization: Australian Department of Infrastructure and Transport
Phone: +61 2 6274 7993
Facsimile: + 61 2 6274 7804
E-mail: david.southgate@infrastructure.gov.au

Q1. Name of the voluntary activity.

Airline passenger voluntary carbon offset schemes

Q2. Type¹ of the voluntary activity.

<input type="checkbox"/> Unilateral commitment	<input checked="" type="checkbox"/> Public voluntary scheme	<input type="checkbox"/> Negotiated agreement
<input type="checkbox"/> Other (Please describe the activity in the box below.)		
Australia's major airlines, Qantas, Jetstar and Virgin Blue, have introduced voluntary carbon offset schemes which are designed to reduce the industry's net carbon footprint by enabling individuals to purchase carbon offsets for their flights.		

Q3. Please mark all the participants² of the activity.

<input checked="" type="checkbox"/> Airline	<input type="checkbox"/> Airline association	<input type="checkbox"/> Manufacturer	<input type="checkbox"/> Manufacturer association	<input type="checkbox"/> Airport authority		
<input type="checkbox"/> Air traffic control					<input type="checkbox"/> Government	<input checked="" type="checkbox"/> Other (Please specify in the box below.)
Airlines and their passengers.						

Q4. Is the voluntary activity accompanied by a side agreement³?

<input type="checkbox"/> Yes (Proceed to Q4-1.)	<input checked="" type="checkbox"/> No (Proceed to Q5.)
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¹The features of each type of voluntary activity are as follows.

- Unilateral Commitment: The environmental improvement plan established by the participant itself, and declared to the stakeholders, such as employees, stockholders, consumers, etc. Target and measures to environmental improvement are established by the participant itself.
- Public Voluntary Scheme: The scheme which the participant agrees voluntarily with the standard on environmental improvement target, technology, management, etc. established by public organization such as Ministry for Environment.
- Negotiated Agreement: Contract based on negotiation between public organization (national government/local government) and industries. Both parties can independently decide whether to agree to the contract.

² If you marked "Public voluntary scheme" on Q2, the public organization which establishes the standard is included in the participants. If you marked "Negotiated agreement" on Q2, the public organization which agrees to the contract is included in the participants.

³ "Side agreement" is the agreement between the participant of the activity and a third party. For example, the agreement between an airline and an engine manufacturer, which prescribes that the manufacturer assist the airline to attain its target by introducing new emission-reducing technologies, is considered as a side agreement. For more information, please refer to Part II Paragraph 6.5.2 on "Template and Guidance on Voluntary Measures", released on ICAO CAEP website (http://www.icao.int/icao/en/env/Caep_Template.pdf).

Q6-2. Please outline the procedure to acquire data to calculate or describe the index of Q6-1.

Not applicable.

Q7. Please answer the following questions concerning the target of the voluntary activity.

Q7-1. Is the target of the voluntary activity clearly defined?

Yes (Proceed to Q7-2.) No (Proceed to Q8.)

Q7-2. Please describe the target of the voluntary activity, including substance of the target, target year, base year.

There is no set target as such but a general objective to maximise the number of passengers who purchase carbon offsets for their air travel.

Q8. Please list the measures to attain the target or to reduce/mitigate GHGs.

Access to the carbon offset programs is available to passengers through the airlines' web sites.

Q9. Please answer the following questions concerning periodic review of the voluntary activity.

Q9-1. Is the progress of the voluntary activity reviewed periodically?

Yes (Proceed to Q9-2.) No (Proceed to Q10.) Information not publicly available.

Q9-2. Please describe the frequency of the periodic review.

Information not publicly available.

Q9-3. Is a third party's opinion considered/to be considered in the periodic review?

Yes (Proceed to Q9-4.) No (Proceed to Q10.) Information not publicly available.

Q9-4. Please outline the third party opinion.

Information not publicly available.

Q10. Please answer the following questions concerning legislative obligation.

Q10-1. Is there any legislative obligation on attainment of the target?

Yes (Proceed to Q10-2.) No (Proceed to Q11.)

Q10-2. Please describe legislative obligation, including measures taken in case that the participant of the voluntary activity fails to attain the target.

Not applicable.

Q11. Please answer the following questions concerning disclosure of information⁷ on the voluntary activity:

Q11-1. Is the name of the participant of the voluntary activity disclosed to the public?

Yes No The names of participating passengers are not made public.

Q11-2. Is the target of the voluntary activity disclosed to the public? (If you marked “no” at Q7-1, the answer to this question shall be “not applicable”.)

Yes No Not applicable

Q11-3. Are the measures taken/to be taken by the participant of the voluntary activity to attain the target/reduce or mitigate GHGs disclosed to the public?

Yes No

Q11-4. Is the result of each periodic review disclosed/to be disclosed to the public? (If you marked “no” at Q9-1, the answer to this question shall be “not applicable”.)

Yes No Not applicable

Q11-5. Is the effect of the voluntary activity disclosed/to be disclosed to the public?

Yes No Percentage of passengers purchasing offsets has been published.

Q12. Please answer the following questions concerning effect of the voluntary activity:

Q12-1. Is third party’s opinion considered/to be considered when examining the effect of the voluntary activity?

Yes (Proceed to Q12-2.) No (Proceed to Q12-3.) Information not publicly available.

⁷ Item(s) to which the answer is/are “no” from Q11-1 to Q11-5, are considered but this information will not be included in the final report.

Q12-2. Please outline the third party opinion.

Information not publicly available.

Q12-3. How much of GHGs amount emitted per year, in CO₂ weight equivalent are reduced or mitigated/expected to be reduced or mitigated by the voluntary activity?

Jetstar and Virgin Blue have reported more than 10 per cent of passengers buying offsets.
Details of the weight of emissions that were offset are not publicly available.

Q13. Please provide the website address for the voluntary activity, if any, in the box below.

<http://www.qantas.com.au/travel/airlines/fly-carbon-neutral/global/en>
<http://www.jetstar.com/au/en/travel-info/travel-services/carbon-offset.aspx>
<http://www.virginblue.com.au/carbonoffset/>

Q14. Please describe additional information, if any.

Duly completed questionnaires should be returned to:

Voluntary Measures Focal Point
ICAO Committee on Aviation Environmental Protection (CAEP)
Attention: Mr. Tetsu Shimizu
Policy Coordinator for Global Environment
Civil Aviation Bureau of Japan
e-mail: fpvm@mlit.go.jp
fax.: +81-3-5253-1656

Copy to:
Jane Hupe
Secretary, CAEP
E-mail: jhupe@icao.int
Fax: +1 (514) 954-6744

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Name: David Southgate
Organization: Australian Department of Infrastructure and Transport
Phone: +61 2 6274 7993
Facsimile: + 61 2 6274 7804
E-mail: david.southgate@infrastructure.gov.au

Q1. Name of the voluntary activity.

Queensland Government's carbon offsetting of air travel.
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Q2. Type¹ of the voluntary activity.

<input checked="" type="checkbox"/> Unilateral commitment <input type="checkbox"/> Public voluntary scheme <input type="checkbox"/> Negotiated agreement <input type="checkbox"/> Other (Please describe the activity in the box below.)

Q3. Please mark all the participants² of the activity.

<input type="checkbox"/> Airline <input type="checkbox"/> Airline association <input type="checkbox"/> Manufacturer <input type="checkbox"/> Manufacturer association <input type="checkbox"/> Airport authority <input type="checkbox"/> Air traffic control <input checked="" type="checkbox"/> Government <input type="checkbox"/> Other (Please specify in the box below.)
Queensland State Government

Q4. Is the voluntary activity accompanied by a side agreement³?

<input type="checkbox"/> Yes (Proceed to Q4-1.) <input checked="" type="checkbox"/> No (Proceed to Q5.)

¹The features of each type of voluntary activity are as follows.

- Unilateral Commitment: The environmental improvement plan established by the participant itself, and declared to the stakeholders, such as employees, stockholders, consumers, etc. Target and measures to environmental improvement are established by the participant itself.
- Public Voluntary Scheme: The scheme which the participant agrees voluntarily with the standard on environmental improvement target, technology, management, etc. established by public organization such as Ministry for Environment.
- Negotiated Agreement: Contract based on negotiation between public organization (national government/local government) and industries. Both parties can independently decide whether to agree to the contract.

² If you marked "Public voluntary scheme" on Q2, the public organization which establishes the standard is included in the participants. If you marked "Negotiated agreement" on Q2, the public organization which agrees to the contract is included in the participants.

³ "Side agreement" is the agreement between the participant of the activity and a third party. For example, the agreement between an airline and an engine manufacturer, which prescribes that the manufacturer assist the airline to attain its target by introducing new emission-reducing technologies, is considered as a side agreement. For more information, please refer to Part II Paragraph 6.5.2 on "Template and Guidance on Voluntary Measures", released on ICAO CAEP website (http://www.icao.int/icao/en/env/Caep_Template.pdf).

Q4-1. If the voluntary activity is accompanied by side agreement, please describe the parties and outline the side agreement.

Not applicable

Q5. Please answer the following questions concerning the coverage of the voluntary activity:

Q5-1. Select all green house gases (GHGs) which are part of the voluntary activity.

Carbon dioxide (CO₂) Methane (CH₄) Nitrous oxide (N₂O) Hydrofluorocarbons (HFCs)
 Perfluorocarbons (PFCs) Sulphur hexafluoride (SF₆) Nitric oxide & Nitrogen dioxide (NO_x) Water vapor (H₂O) Other (Please specify in the next box.)

Q5-2. Please select all operations⁴ which are part of the voluntary activity.

International passenger flight Domestic passenger flight International cargo flight
 Domestic cargo flight Other (Please specify in the next box.)

Q6. Please answer the following questions concerning the index to measure the effect of the voluntary activity.

Q6-1. Select the index used to measure the effect of the voluntary activity.

Absolute quantity of GHG emissions⁵ (Please outline the index in the box below.)
 Unit of GHG emissions⁶ (Please outline the index in the box below.)
 Introduction of specific technology
 Introduction of specific procedure Other (Please specify in the box below.)

The method involves capturing the number of times an air sector is travelled, converting this to passenger kilometres and calculating the amount of CO₂ produced using industry approved formulas.

⁴ In case that the voluntary activity describes its coverage from the other viewpoint than listed above, such as “operation under IFR”, “operation of aircraft larger than specific weight”, etc. and that aim of the activity is not linked to operation directly, for example introduction of new technology which contributes reduction/mitigation of GHGs, please mark “other” and please describe feature.

⁵ The example of the unit is Ton-CO₂, Ton-C, m³-CO₂, etc.

⁶ The example of the unit is g-CO₂/RPK (Revenue Passenger Kilometer), g-CO₂/ASK (Available Seat Kilometer), g-CO₂/RTK (Revenue Ton Kilometer), g-CO₂/ATK (Available Ton Kilometer), etc.

Q6-2. Please outline the procedure to acquire data to calculate or describe the index of Q6-1.

All Queensland Government agencies are required to report their travel details to the Government's central procurement office which calculates the resulting CO₂ on their behalf.

Q7. Please answer the following questions concerning the target of the voluntary activity.

Q7-1. Is the target of the voluntary activity clearly defined?

Yes (Proceed to Q7-2.) No (Proceed to Q8.)

Q7-2. Please describe the target of the voluntary activity, including substance of the target, target year, base year.

The Queensland Government's target is to offset the carbon from all Ministerial and staff international and domestic air travel.

Q8. Please list the measures to attain the target or to reduce/mitigate GHGs.

Executive Government decision of December 2007 requires all Queensland Government agencies to comply with the policy.

Q9. Please answer the following questions concerning periodic review of the voluntary activity.

Q9-1. Is the progress of the voluntary activity reviewed periodically?

Yes (Proceed to Q9-2.) No (Proceed to Q10.) Information not publicly available.

Q9-2. Please describe the frequency of the periodic review.

Q9-3. Is a third party's opinion considered/to be considered in the periodic review?

Yes (Proceed to Q9-4.) No (Proceed to Q10.) Information not publicly available.

Q9-4. Please outline the third party opinion.

Q10. Please answer the following questions concerning legislative obligation.

Q10-1. Is there any legislative obligation on attainment of the target?

Yes (Proceed to Q10-2.) No (Proceed to Q11.)

Q10-2. Please describe legislative obligation, including measures taken in case that the participant of the voluntary activity fails to attain the target.

[Executive Queensland Government decision.](#)

Q11. Please answer the following questions concerning disclosure of information⁷ on the voluntary activity:

Q11-1. Is the name of the participant of the voluntary activity disclosed to the public?

Yes No [All Queensland Government agencies.](#)

Q11-2. Is the target of the voluntary activity disclosed to the public? (If you marked “no” at Q7-1, the answer to this question shall be “not applicable”.)

Yes No Not applicable

Q11-3. Are the measures taken/to be taken by the participant of the voluntary activity to attain the target/reduce or mitigate GHGs disclosed to the public?

Yes No

Q11-4. Is the result of each periodic review disclosed/to be disclosed to the public? (If you marked “no” at Q9-1, the answer to this question shall be “not applicable”.)

Yes No Not applicable

Q11-5. Is the effect of the voluntary activity disclosed/to be disclosed to the public?

Yes No

Q12. Please answer the following questions concerning effect of the voluntary activity:

Q12-1. Is third party’s opinion considered/to be considered when examining the effect of the voluntary activity?

Yes (Proceed to Q12-2.) No (Proceed to Q12-3.) [Information not publicly available.](#)

⁷ Item(s) to which the answer is/are “no” from Q11-1 to Q11-5, are considered but this information will not be included in the final report.

Q12-2. Please outline the third party opinion.

Q12-3. How much of GHGs amount emitted per year, in CO₂ weight equivalent are reduced or mitigated/expected to be reduced or mitigated by the voluntary activity?

[Details of quantity of CO2 offset are not publicly available.](#)

Q13. Please provide the website address for the voluntary activity, if any, in the box below.

http://www.qgm.qld.gov.au/00_downloads/Carbon_offsets.pdf

Q14. Please describe additional information, if any.

Duly completed questionnaires should be returned to:

Voluntary Measures Focal Point
ICAO Committee on Aviation Environmental Protection (CAEP)
Attention: Mr. Tetsu Shimizu
Policy Coordinator for Global Environment
Civil Aviation Bureau of Japan
e-mail: fpvm@mlit.go.jp
fax.: +81-3-5253-1656

Copy to:
Jane Hupe
Secretary, CAEP
E-mail: jhupe@icao.int
Fax: +1 (514) 954-6744